



Smithsonian

National Museum of American History Kenneth E. Behring Center

I.C.E. Integrated Circuit Collection

NMAH.AC.0600

Alison Oswald

2005

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	I.C.E. Integrated Circuit Collection
Date:	1970-1997
Identifier:	NMAH.AC.0600
Creator:	Integrated Circuit Engineering Corporation.
Extent:	164 Cubic feet (224 boxes)
Language:	English .
Summary:	Collection documents the 30 year history of Integrated Circuit Engineering Corporation which provided consulting expertise in the field of integrated circuits and semiconductors.

Administrative Information

Acquisition Information

The Integrated Circuit Engineering Collection was donated to the Division of Information, Technology and Society (now the Division of Medicine and Science), National Museum of American History on June 15, 1998, through Glen Madland.

Provenance

The collection was transferred from the Division of Information, Technology and Society (now Division of Medicine and Science) to the Archives Center in April 2002.

Separated Materials

The Division of Information, Technology and Society (now the Division of Work and Industry) has integrated circuits (intact and exposed in various stages of investigation).

Processing Information

Processed by Alison Oswald, archivist, 2005; revised April 2006.

Preferred Citation

I.C.E. Integrated Circuit Collection, Archives Center, National Museum of American History

Restrictions

Collection is open for research but is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Accruals

The Archives Center continues to add to this collection. Four cubic feet of materials were acquired in November 2005 from the Division of Information, Technology and Society (now Division of Medicine and Science).

Biographical / Historical

The Integrated Circuit Engineering Corporation provided consulting expertise in the field of integrated circuits and semiconductors for over 30 years.

Scope and Contents

The collection contains reports, litigation documentation, trade catalogs, company newsletters, professional journals, audio visual materials, artwork, company profiles, contracts and project files documenting the 30 year history of Integrated Circuit Engineering Corporation which provided consulting expertise in the field of integrated circuits and semiconductors.

Arrangement

The collection is divided into twenty series.

- Series 1: Status Reports, 1970-1997
 - Series 2: Product Analysis, 1966-1971
 - Series 3: Product Evaluations, 1977-1983
 - Series 4: Construction Analysis, 1997, undated
 - Series 5: Information Reports, 1966-1986
 - Series 6: Manufacturing Facilities, 1980-1983
 - Series 7: Packaging, 1982
 - Series 8: Company Profiles, 1991-1995
 - Series 9: ICECAP Reports, 1980-1990
 - Series 10: Government/Military, 1977-1981
 - Series 11: Artwork, undated
 - Series 12: Trade Catalogs, undated
 - Series 13: Hybrid Circuits, undated
 - Series 14: ASIC (Application Specific Integrated Circuit) Outlook, 1984-1997
 - Series 15: TASC Files, undated
 - Series 16: Project , undated
 - Series 17: Litigation, 1968-1971, undated
 - Series 18: Audio Visual Materials, undated
-

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Integrated circuits
Semiconductors

Types of Materials:

Newsletters -- 1950-2000
Records

Names:

Project Socrates.

Container Listing

Series 1: Status Reports, 1970-1997

Scope and Contents: This annual publication is a comprehensive, illustrated report that includes:

A world wide IC industry economic update and forecasts, IC manufacturers, U.S. producers, ASIC (Application Specific IC) market trends, IC technology trends, and memory & microprocessor IC products. Also an appendix that includes a listing of companies that service the IC industry and IC fabrication facilities worldwide.

The semiconductor industry data is analyzed and presented using two methods. One describes the "market" for semiconductors while the other examines the semiconductor "production" or "sales" of the device manufacturers. In ICE's analysis, total, world wide semiconductor production equals worldwide semiconductor consumption in any given year.

Taken in part from *STATUS 1996 Introduction*.

Of note are specific chapters, such as THE CHIP AS A PACKAGE, page 4-44. This chapter explains

...in many cases the MCM (Multi-chip Module) will be able to replace an existing printed circuit assembly-using surface mounted individual IC packages. The replacement market will be driven by the usual market forces of cost, performance, and size.

The chapter includes photographs of particular objects, such as 1991.0117.05 and .06 SunSparc's donated by System Planning. Though not collected from ICE the objects can now be supported/confirmed with further documentation/analysis directly from ICE.

This series contains information concerning the financial aspects of ICE in a collection of annual financial reports referred to as STATUS REPORTS (1970-1997 with 1972 unavailable at this time).

Box 1 (Series 1) ICE Sales Guide, Two Part Brochures, and publication Introduces ICE

Box 1 (Series 1) Status Reports, 1970-1982 {1972 missing}

Box 2 (Series 1) Status Reports, 1983-1997

Excerpts from Status 1984

Introduction to Status '84 - page ix

Notes: The "boom/bust" cycle of the integrated circuit industry continues-with a much stronger "boom" than expected during the last half of 1983. The measures of this surge in sales are reported in our detailed market review and projections. As did many of the forecasters, ICE underestimated the strength of sales for the last half of 1983, feeling that the recovery would not pick up speed until early 1984. The effect of the boom is a growing concern over the capability of major manufacturers to deliver required products. Some of the smaller manufacturers report short-term book-to-bill ratios

of 2:1. In doing our market analysis some companies reported that, "We don't need any new orders in 1984."

Worldwide Semiconductor Market Overview - page 1

Notes: During 1983, the U.S. economy displayed a swift and vigorous recovery. The semiconductor industry showed the same vigorous recovery. The consensus of forecasts for "moderate" economic gains during 1983 appeared assured through the first few months of the year. However, first-half GNP growth was almost 9 percent, and only a slight slowing of this rate was evident for the remainder of the year. Considering that previous post-recessionary GNP advances were usually about 6-7 percent, the vigor of the rebound was unexpected...

Semicustom/ Custom IC Market (Gate Array Perspective) - page 11

Notes: The worldwide gate array market is just beginning to capture a recognizable share of the IC marketplace. Although gate arrays have received extensive publicity and enjoyed widespread use in recent years, the concept is certainly not new. Gate arrays, in some form, have existed since the mid-60s. Why has it taken the gate array approach so long to reach its burgeoning popularity? The answer to this question will be clear after a brief look at history...

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Series 2: Product Analysis (about 50 out of 68), 1966 - 1971

Scope and Contents: This series contains illustrated reports that are aimed at the IC users who need reliable information on component quality for part qualification purposes, and IC manufacturers who need to stay abreast of competitive technologies being offered. The reports are very detailed and include scanning electron micrographs, x-rays, figures, tables, and histogram. A sampling of six reports a year from ICE's growing list (as of 1996, over 500 reports). The reports are aimed at IC users who need reliable information on component quality for part qualification purposes, and IC manufacturers who need to stay abreast of competitive technologies.

Box 1 (Series 2)	Spiral Notebooks 1-32 (9, 25 missing)
Box 2 (Series 2)	Spiral Notebooks 33-62 (40, 56-58 missing) Notes: One unknown book
Box 3 (Series 2)	Bound Volumes 1-21 (unconfirmed, loose in binders)
Box 4 (Series 2)	Bound Volumes 22-36 (26 missing)
Box 5 (Series 2)	Bound Volumes 37-68 (40, 56-59, 63-67 missing)
Box 6 (Series 2)	Working Files 1-9 (includes old and new 8)
Box 7 (Series 2)	Working Files 10-22 (21 missing)
Box 8 (Series 2)	Working Files 23-59 (out of order, some are not complete)
Box 9 (Series 2)	Working Files 60- Notes: One folder titled Integrated Circuit Fabrication
Box 175 (Series 2)	Motorola MECL Series, 1966
Box 175 (Series 2)	General Instrument MOS-21 Bit Shift Register, 1967
Box 175 (Series 2)	Fairchild Logic Circuits, 1967
Box 175 (Series 2)	MOS Circuit Evaluation (for American Microsystems, Fairchild Semiconductor, General Instrument, and Philco-Ford), 1968
Box 175 (Series 2)	Texas Instruments Inc. ECL2550 MSI Active-Element
Box 175 (Series 2)	Integrated Circuit packaging, 1970
Box 175 (Series 2)	MOS Frequency Divider Circuits (Organ Circuits) from four manufacturers
Box 175 (Series 2)	American Microsystems Inc. RD08F Stream Select Dual 50-Bit Dynamic Register, 1970

Box 175 (Series 2)	Intel Dual 100 Bit MOS LSI Shift Register, 1970
Box 175 (Series 2)	Texas Instruments Schottky-Clamped Transistor, 1971
Box 175 (Series 2)	Summary Product Analysis A Compendium of Numerous Integrated Circuits, 1969
Box 175 (Series 2)	A Guide to Computer-Aided Design of Integrated Circuits, 1968
Box 175 (Series 2)	MOS Fully Decoded Random Access 1024 Bit Dynamic memory Circuits from four manufacturers

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Series 3: Product Evaluations, 1977 - 1983

Scope and Contents: This series includes reports with construction and design analysis for microcomputer-related products. The reports identify circuit areas requiring further in-depth analysis for the user's specific application. Of note in the evaluations are the unusual design and processing techniques, identification of functional areas for orientation in test pattern generation, reliability estimates and failure probing.

PE 125 (10379 K) Zilog Z80-CTC - 1979 PDF 11MB

[http://smithsonianchips.si.edu/ice/OCR_ScanPE125/PE125\(10379-K\).pdf](http://smithsonianchips.si.edu/ice/OCR_ScanPE125/PE125(10379-K).pdf)

a randomly selected PE as an example of a typical evaluation

Special attention has been paid to unusual design and processing techniques, and to identification of functional areas for orientation in test pattern generation, reliability estimates and failure analysis probing. Unusual is understood to be atypical.

We have randomly included several abstracts below.

Many, but not all, PEs include 3-dimensional objects cross reference.

Product Evaluations: Bound Volumes	
Box 1 (Series 3)	PE 101 Intel MCS-80/85 Microcomputer Peripherals MD 8212, MD8224, MD8228 and MC8251 - 1977
Box 1 (Series 3)	PE 102 Texas Instruments SBP 9900 16-Bit I2L Microprocessor - 1977
Box 1 (Series 3)	PE 103 Motorola 6800 Family Microcomputer Peripherals MC6820, MC6850, MC6852 and MC6860 - 1977
Box 1 (Series 3)	PE 104 RADC Advanced Micro Devices, Inc. (AMD) Am 2909 - 1977
Box 1 (Series 3)	PE 105 RADC AMD Am2915, Am2916, and Am2917 - 1977
Box 1 (Series 3)	PE 106 RADC Motorola MC6800 Microprocessor PE-24 - 1977
Box 1 (Series 3)	PE 107 RADC AMD Am 2918 Quad D Register - 1977
Box 1 (Series 3)	PE 108 RADC Motorola MC6830L8 and XC6840L -1977
Box 1 (Series 3)	PE 109 RADC Motorola MC6854 - 1977
Box 1 (Series 3)	PE 110 RADC Intel 8259 - 1977
Box 1 (Series 3)	PE 111 RADC Intel C8255 - 1977
Box 1 (Series 3)	PE 112 RADC Intel C8257 - 1977
Box 1 (Series 3)	PE 113 RADC AMD Am 2901 Microprocessor PE 25,28 - 1977
Box 1 (Series 3)	PE 114 RADC Motorola MC6802 - 1977

Box 1 (Series 3)	PE 115 RADC Motorola MC 6846BQCS
Box 1 (Series 3)	PE 116 RADC Intel MD2147
Box 1 (Series 3)	PE 117 RADC Intel 8085A 8-Bit Microprocessor
Box 1 (Series 3)	PE 118 RADC Harris HD-15530 -1979
Box 1 (Series 3)	PE 119 RADC AMD Am2910 - 1979
Box 1 (Series 3)	PE 120 RADC AMD Am2903 - 1979
Box 1 (Series 3)	PE 121 RADC AMD Am9511 APU
Box 1 (Series 3)	PE 122 RADC Motorola MC10800 - 1979
Box 1 (Series 3)	PE 123 RADC Motorola MC10801- 1979
Box 1 (Series 3)	PE 124 RADC Zilog Z80-CPU 8-bit NMOS Microprocessor - 1979
Box 2 (Series 3)	PE 125 Zilog Z80-CTC
Box 2 (Series 3)	PE 126 Zilog Z80-PIO
Box 2 (Series 3)	PE 127 Zilog Z80-DMA
Box 2 (Series 3)	PE 128 Zilog Z80-SIO
Box 2 (Series 3)	PE 129 Harris HM1-6100 12-bit Microprocessor
Box 2 (Series 3)	PE 130 RADC Intel 8048/8035
Box 2 (Series 3)	PE 131 RADC Fairchild 93481
Box 2 (Series 3)	PE 132 RADC Fairchild 9440 16-bit Microprocessor
Box 2 (Series 3)	PE 133 RADC Intel 8086 16-bit Microprocessor
Box 2 (Series 3)	PE 134 RADC Intel 8088 8-bit Microprocessor
Box 2 (Series 3)	PE 135 RADC Motorola MC6845 CRT Controller
Box 2 (Series 3)	PE 136 RADC Fairchild 9442DC I/O BUS Controller
Box 2 (Series 3)	PE 137 RADC Motorola MC68488
Box 2 (Series 3)	No 138

Box 2 (Series 3)	PE 139 RADC Zilog Z8001
Box 2 (Series 3)	PE 140 RADC Zilog Z8002
Box 2 (Series 3)	PE 141 RADC Intel 8288 BUS Controller
Box 2 (Series 3)	PE 142 RADC Motorola MC68000 16-bit Microprocessor
Box 2 (Series 3)	PE 143 RADC Texas Instruments TMS2516 16K E-PROM
Box 2 (Series 3)	PE 144 RADC Intel D2118 16K Dynamic RAM
Box 2 (Series 3)	PE 145 Zilog Z8MCU - 1982
Box 2 (Series 3)	PE 146 Zilog Z8010 MMU - 1981
Box 2 (Series 3)	PE 147 Zilog Z8036 CIO - 1982
Box 2 (Series 3)	PE 148 Intel 8289 - 1982
Box 3 (Series 3)	Basic Technology (7th edition)
Box 3 (Series 3)	Microcircuit Manufacturers Control Handbook (2nd Edition)
Box 3 (Series 3)	No 149
Box 3 (Series 3)	PE 150 AMI s3505 - 1982
Box 3 (Series 3)	PE 151 Intel 2816 - 1983
Box 3 (Series 3)	PE 152 Intel 8087 - 1983
Box 3 (Series 3)	PE 153 Xicor X2210 - 1983
Box 3 (Series 3)	PE 154 RCA MWS5114 - 1983
Box 3 (Series 3)	PE 155 Intel 2920 - 1983
Box 3 (Series 3)	No 156
Box 3 (Series 3)	PE 157 Intel 8089- 1983
Box 3 (Series 3)	PE 158 SG 1525A - 1983
Box 3 (Series 3)	PE 159 Analog Devices AD41335 - 1983
Box 3 (Series 3)	No 160

Box 3 (Series 3)	PE 161 AMD Am29116 - 1983
Box 4 (Series 3), Folder 1	PE 101 (RADC 10215 A) Intel MD81212, MD8224, MD8228, MC8251 - 1977
Box 4 (Series 3), Folder 2	PE 102 (10215 B) TI SBP9900
Box 4 (Series 3), Folder 3	PE 103 (10215 C) Motorola MC6820,MC6850, MC6852, MC6860 - 1977
Box 4 (Series 3), Folder 4	PE 104 (10215 D) AMD AM2909DM-B, AM2902DM-B
Box 4 (Series 3), Folder 5	PE 105 (10215 E) Am 2915, Am2916, Am2917 - 1977
Box 4 (Series 3)	No PE 106
Box 4 (Series 3), Folder 6	PE 107 (10215 F) AMD AM 2918-DMB
Box 4 (Series 3), Folder 7	PE 108 (10215 G) Motorola MC6840, MC6830, MC6854 - 1977
Box 4 (Series 3), Folder 8	PE 109 (10215 A) Motorola MC6854, MC68A54 - 1077
Box 4 (Series 3), Folder 9	PE 110 (10215 I) RADC Intel 8259
Box 4 (Series 3), Folder 10	PE 111 (10215 J) Intel 82551
Box 5 (Series 3), Folder 1	PE 113 (10215 L) AMD Am2901 DC
Box 5 (Series 3), Folder 2	PE 114 (1039 A) Motorola MC6802
Box 5 (Series 3), Folder 3	PE 115 (10379 B) Motorola MC6846BQCS
Box 5 (Series 3), Folder 4	PE 116 (10379 C) Intel MD2147
Box 5 (Series 3), Folder 5	PE 117 (10379 F) Intel 8085A 8-Bit Microprocessor - 1979

Box 5 (Series 3), Folder 6	PE 118 (10379 G) Harris HD-15530
Box 6 (Series 3), Folder 1	PE 119 (10379 D) RADC AMD Am2903, Am2910 - 1979
Box 6 (Series 3), Folder 2	PE120 (10379 E) RADC AMD Am2903
Box 6 (Series 3), Folder 3	PE 121 (10379 H) RADC AMD Am 9511
Box 6 (Series 3), Folder 4	PE 122 (10379 J) RADC Motorola MC10800 - 1979
Box 6 (Series 3), Folder 5	PE 123 (10379 I) RADC Motorola MC 10801
Box 6 (Series 3), Folder 6	PE 124 (10379 L) RADC Zilog Z80-CPU
Box 7 (Series 3), Folder 1	PE 125 (10379 K) Zilog Z80-CTC
Box 7 (Series 3), Folder 2	PE 126 (10379 M) RADC Zilog Z80-PIO
Box 7 (Series 3), Folder 3	PE 127 (10379 N) RADC Zilog Z80-DMA
Box 7 (Series 3), Folder 4	PE 128 (10379 O) RADC Zilog Z80-SIO
Box 7 (Series 3), Folder 5	PE 129 (10379 P) RADC Harris HM1-6100 12-bit Microprocessor
Box 8 (Series 3), Folder 1	PE 130 (10379 Q) RADC Intel 8048/8035
Box 8 (Series 3), Folder 2	PE 131 (10379 R) RADC Fairchild 93481 4096 X 1-Bit Dynamic RAM
Box 8 (Series 3), Folder 3	PE 132 (10379 S) RADC Fairchild 9440 16-Bit Microprocessor
Box 8 (Series 3), Folder 4	PE 133 (10379 T) Intel 8086 16-Bit HMOS Microprocessor
Box 8 (Series 3), Folder 5	PE 134 (10379 U) RADC Intel 8288 BUS Controller

Box 8 (Series 3), Folder 6	PE 135 (10379 W) RADC Motorola MC 6845 CRT Controller
Box 9 (Series 3), Folder 1	PE 136 (10379 V) RADC Fairchild 9442DC I/O BUS Controller
Box 9 (Series 3), Folder 2	PE 137 (10379 X) RADC Motorola MC68488
Box 9 (Series 3)	No PE 138
Box 9 (Series 3), Folder 3	PE 139/140 (10379 AA) RADC Zilog Z8002 and Z8001
Box 9 (Series 3)	No PE 141
Box 9 (Series 3), Folder 4	PE 142 (10379 EE) RADC Motorola MC68000 16-bit Microprocessor
Box 9 (Series 3), Folder 5	PE 143 (10379 DD) Texas Instruments TM2516 16K-PROM
Box 9 (Series 3), Folder 6	PE 144 (10379 CC) RADC Intel D2118
Box 9 (Series 3), Folder 7	PE 145 ½ (10891 A) RADC Zilog Z8 MCU
Box 9 (Series 3), Folder 8	PE 145 2/2 (10379 --Y) Zilog Z8 - 1981
Box 10 (Series 3), Folder 1	PE 146 ½ (10891 D) RADC Zilog Z8010 MMU - 1981
Box 10 (Series 3), Folder 2	PE 146 2/2 (13891 D)Zilog Z8010 - 1981
Box 10 (Series 3), Folder 3	PE 147 ½ (10891 E) RADC Zilog Z8036 CIO - 1982
Box 10 (Series 3), Folder 4	PE 147 2/2 (13891 E) Zilog Z8036 - 1981
Box 10 (Series 3), Folder 5	PE 148 ½ (10891 B) RADC Intel 8289 - 1982
Box 10 (Series 3), Folder 6	PE 148 2/2 (13891 B) Intel 8085A

Box 11 (Series 3), Folder 1	PE 149 (10891 F) RADC Motorola MC68120 IPC - 1982
Box 11 (Series 3), Folder 2	PE 150 (10891 H) RADC AMI S3505
Box 11 (Series 3), Folder 3	PE 151 ½ (10891 J) RADC Intel 2816 -1983
Box 11 (Series 3), Folder 4	PE 151 2/2 (13891 J) Intel 8086 - 1982
Box 11 (Series 3), Folder 5	PE 152 ½ (10891 I) RADC Intel 8087
Box 11 (Series 3), Folder 6	PE 152 2/2 (13891 I) Intel 8087 - 1982
Box 12 (Series 3), Folder 1	PE 153 ½ (10891 G) RADC XICOR X2210 - 1983
Box 12 (Series 3), Folder 2	PE 153 2/2 (13891 G) XICOR X221
Box 12 (Series 3), Folder 3	PE 154 (10891 K) RADC RCA MWS5114 - 1983
Box 12 (Series 3), Folder 4	PE 155 (10891 C) RADC Intel 2920 - 1983
Box 12 (Series 3), Folder 5	PE 156 (10891 L) RADC AMD Am2960
Box 12 (Series 3), Folder 6	PE 157 (10891 M) RADC Intel 8089 - 183
Box 13 (Series 3), Folder 1	PE 158 (10891 N) SG 1525A -1983
Box 13 (Series 3), Folder 2	PE 159 (10891 Q) RADC Analog Devices AD41335 - 1983
Box 13 (Series 3), Folder 3	PE 160 (10891 S) RADC Intel 2164 A
Box 13 (Series 3), Folder 4	PE 161 (10891 R) RADC AMD Am29116 - 1983

Box 13 (Series 3), PE 162 (10891 L) AMD Am2960
Folder 5

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Series 4: Construction Analysis (alphabetical by chip), 1997 - 1997

Scope and Contents: This series is arranged alphabetically by chip and contains analyses that cover x-rays, optical, scanning electron micrographs, cross sections, topological layout and dimensions, layer thickness, and materials.

Shared Construction Analysis

Box 1 (Series 4) SCA 9712-569: report was issued the 12th month of 1997 and is the 569th report in the series.

ICE Shared Construction Analysis SCA 9311-3001

Box 1 (Series 4) Samsung KM44C4000J-7

Box 1 (Series 4) 16 Megabit DRAM

ICE Shared Construction Analysis SCA 9412-394

Box 1 (Series 4) Micron Semiconductor MT5C64K16A1DJ

Box 1 (Series 4) 64K x 16 SRAM

ICE Shared Construction Analysis SCA 9504-401

Box 1 (Series 4) Xicor X28C010J-20

Box 1 (Series 4) 128K x 8 Bit EEPROM

ICE Shared Construction Analysis SCA 9504-403

Box 1 (Series 4) Actel A1440

Box 1 (Series 4) FPGA

ICE Shared Construction Analysis SCA 9504-407

Box 1 (Series 4) ISSI IS27HC010

Box 1 (Series 4) 1Mbit UVEPROM

ICE Shared Construction Analysis SCA 9504-408

Box 1 (Series 4) Atmel AT27C010-45DC

Box 1 (Series 4) 1Mbit EPROM

ICE Shared Construction Analysis SCA 9512-442

Box 1 (Series 4)	National Semiconductor 24C16EN
Box 1 (Series 4)	16K Serial EEPROM
	ICE Shared Construction Analysis SCA 9512-444
Box 1 (Series 4)	QLogic ISP1000
Box 1 (Series 4)	SCSI Processor
	ICE Shared Construction Analysis SCA 9512-445
Box 1 (Series 4)	Maxim MAX662
Box 1 (Series 4)	12V DC-DC Converter
	ICE Shared Construction Analysis SCA 9608-508
Box 1 (Series 4)	Chip Express QYH530
Box 1 (Series 4)	Laser Programmable Gate Array
	ICE Shared Construction Analysis SCA 9608-509
Box 1 (Series 4)	Motorola XC56002PV80
Box 1 (Series 4)	Digital Signal Processor
	ICE Shared Construction Analysis SCA 9608-511
Box 1 (Series 4)	UMC UM613264F-7
Box 1 (Series 4)	2Mbit SRAM
	ICE Shared Construction Analysis SCA 9611-501
Box 1 (Series 4)	Philips PZ5032-10A44
Box 1 (Series 4)	32 Macrocell PLD
	ICE Shared Construction Analysis SCA 9612-510
Box 1 (Series 4)	QuickLogic QL24x32B
Box 1 (Series 4)	CMOS FPGA
	ICE Shared Construction Analysis SCA 9612-512

Box 1 (Series 4)	Samsung KM984000ALG-7
Box 1 (Series 4)	4 Meg. SRAM
ICE Shared Construction Analysis SCA 9612-514	
Box 1 (Series 4)	Panasonic MN150808KJAG
Box 1 (Series 4)	Microcontroller
ICE Shared Construction Analysis SCA 9612-515	
Box 1 (Series 4)	Microchip 93LC86
Box 1 (Series 4)	16K Serial EEPROM
ICE Shared Construction Analysis SCA 9612-516	
Box 1 (Series 4)	Atmel AT27C512R
Box 1 (Series 4)	512K UVEPROM
ICE Shared Construction Analysis SCA 9612-517	
Box 1 (Series 4)	AMD AM27C010
Box 1 (Series 4)	1M UVEPROM
ICE Shared Construction Analysis SCA 9612-518	
Box 1 (Series 4)	SGS-Thomson M17C1001
Box 1 (Series 4)	1Mb UVEPROM
ICE Shared Construction Analysis SCA 9612-519	
Box 1 (Series 4)	SGS-Thomson 93C46CB1
Box 1 (Series 4)	1K EEPROM
ICE Shared Construction Analysis SCA 9612-521	
Box 1 (Series 4)	Xicor X25020P
Box 1 (Series 4)	2K EEPROM
ICE Shared Construction Analysis SCA 9612-522	

Box 1 (Series 4)	Lattice ispLSI1032E CPLD
	ICE Shared Construction Analysis SCA 9612-523
Box 1 (Series 4)	Sony CXK5B16120J-12
Box 1 (Series 4)	1Mbit (64K x 16) BiCMOS SRAM
	ICE Shared Construction Analysis SCA 9702-524
Box 1 (Series 4)	Toshiba TC5165165AFT-50
Box 1 (Series 4)	64 Mbit DRAM
	ICE Shared Construction Analysis SCA 9702-525
Box 1 (Series 4)	Dallas Semiconductor DS80C320
Box 1 (Series 4)	Microcontroller
	ICE Shared Construction Analysis SCA 9702-526
Box 1 (Series 4)	AMD MACH5 512
Box 1 (Series 4)	Complex Programmable Logic Device
	ICE Shared Construction Analysis SCA 9702-527
Box 1 (Series 4)	AMD MACH5-256
Box 1 (Series 4)	Programmable Logic Device
	ICE Shared Construction Analysis SCA 9702-528
Box 1 (Series 4)	Fujitsu MB81G8322-010
Box 1 (Series 4)	8Meg. SGRAM
	ICE Shared Construction Analysis SCA 9702-529
Box 1 (Series 4)	Hitachi HM5283206FP10
Box 1 (Series 4)	8Mbit SGRAM
	ICE Shared Construction Analysis SCA 9702-530
Box 1 (Series 4)	Samsung KM4132G271Q-10

Box 1 (Series 4)	8Mbit SGRAM
ICE Shared Construction Analysis SCA 9703-499	
Box 1 (Series 4)	Mosel Vitelic MS622656CLL-70PC
Box 1 (Series 4)	256Kbit SRAM
ICE Shared Construction Analysis SCA 9703-531	
Box 1 (Series 4)	NEC D481850GE-A10
Box 1 (Series 4)	8Meg. SGRAM
ICE Shared Construction Analysis SCA 9702-532	
Box 1 (Series 4)	Toshiba TC86R10000-200
Box 1 (Series 4)	64-Bit Microprocessor
ICE Shared Construction Analysis SCA 9703-533	
Box 1 (Series 4)	Winbond W2E512, W27E257
Box 1 (Series 4)	EEPROM
ICE Shared Construction Analysis SCA 9703-534	
Box 1 (Series 4)	NEC D23C3200A
Box 1 (Series 4)	32Mb MROM
ICE Shared Construction Analysis SCA 9704-535	
Box 1 (Series 4)	DEC SA-110S
Box 1 (Series 4)	StrongARM 32-Bit Microprocessor
ICE Shared Construction Analysis SCA 9704-536	
Box 1 (Series 4)	Lattice GAL22LV10D-4LJ
Box 1 (Series 4)	EEPLD
ICE Shared Construction Analysis SCA 9704-537	
Box 1 (Series 4)	Analog Devices ADSP-21062-KS-160

ICE Shared Construction Analysis SCA 9705-538

Box 1 (Series 4)	Lattice 3256A-90LM
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Box 1 (Series 4)	PLD
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ICE Shared Construction Analysis SCA 9705-539

Box 1 (Series 4)	Micron Semiconductor MT4LC16M4H9
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Box 1 (Series 4)	64Mbit DRAM
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ICE Shared Construction Analysis SCA 9706-540

Box 1 (Series 4)	Intel 200MHz Pentium
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Box 1 (Series 4)	Processor W/MMX
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ICE Shared Construction Analysis SCA 9706-541

Box 1 (Series 4)	Advanced Micro Devices 200MHz K6
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Box 1 (Series 4)	Microprocessor
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ICE Shared Construction Analysis SCA 9706-542

Box 1 (Series 4)	Intel 266MHz 32-Bit Pentium II
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Box 1 (Series 4)	(Klamath) Processor
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ICE Shared Construction Analysis SCA 9706-543

Box 1 (Series 4)	Atmel AT89C2051 & AT89S8252
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Box 1 (Series 4)	Microcontrollers
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ICE Shared Construction Analysis SCA 9706-544

Box 1 (Series 4)	Xilinx XC4036EX
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Box 1 (Series 4)	FPGA
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ICE Shared Construction Analysis SCA 9707-545

Box 1 (Series 4)	Oki M5117805A-60J
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Box 1 (Series 4)	16Mbit DRAM (EDO)
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ICE Shared Construction Analysis SCA 9707-546

Box 1 (Series 4)	Rockwell 11577-11
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Box 1 (Series 4)	Digital Correlator
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ICE Shared Construction Analysis SCA 9707-547

Box 1 (Series 4)	NKK NR4645LQF-133
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Box 1 (Series 4)	64-bit RISC Processor
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ICE Shared Construction Analysis SCA 9708-548

Box 1 (Series 4)	Sharp LH28F032SUTD-70
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Box 1 (Series 4)	32Mbit Flash EEPROM
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ICE Shared Construction Analysis SCA 9708-549

Box 1 (Series 4)	VTC VM365830VSJ
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Box 1 (Series 4)	Pre-Amp
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ICE Shared Construction Analysis SCA 9702-550

Box 1 (Series 4)	Toshiba TC58A040F
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Box 1 (Series 4)	4Mbit NAND EEPROM
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ICE Shared Construction Analysis SCA 9709-551

Box 1 (Series 4)	Motorola PC603
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Box 1 (Series 4)	Microprocessor
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ICE Shared Construction Analysis SCA 9709-552

Box 1 (Series 4)	Rockwell R6732-13
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Box 1 (Series 4)	RF to IF Down Converter
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ICE Shared Construction Analysis SCA 9709-553

Box 1 (Series 4)	Xilinx XC4036XL-1C
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Box 1 (Series 4)	FPGA
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ICE Shared Construction Analysis SCA 9709-554

Box 1 (Series 4)	AMD/Vantis MACHL V466-10
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Box 1 (Series 4)	EEPLA
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ICE Shared Construction Analysis SCA 9710-556

Box 1 (Series 4)	Silicon Systems 32R220R
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Box 1 (Series 4)	Read/Write Device
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ICE Shared Construction Analysis SCA 9710-557

Box 1 (Series 4)	Qlogic ISP1040B
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Box 1 (Series 4)	SCSI I/O Processor
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ICE Shared Construction Analysis SCA 9710-558

Box 1 (Series 4)	PLX TEchnology PCI 9080
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Box 1 (Series 4)	I/O Accelerator
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ICE Shared Construction Analysis SCA 9710-559

Box 1 (Series 4)	SGS-Thomson M28C64-121
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Box 1 (Series 4)	64K EEPROM
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ICE Shared Construction Analysis SCA 9710-560

Box 1 (Series 4)	SGS-Thomson L4990
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Box 1 (Series 4)	Controller
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ICE Shared Construction Analysis SCA 9711-561

Box 1 (Series 4)	Motorola MPA1016FN
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Box 1 (Series 4)	FPGA
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ICE Shared Construction Analysis SCA 9711-562

Box 1 (Series 4)	Motorola MC68360EM25VC
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Box 1 (Series 4)	Communication Controller
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ICE Shared Construction Analysis SCA 9711-563

Box 1 (Series 4) IBM/Motorola MPC750

Box 1 (Series 4) RISC Microprocessor

ICE Shared Construction Analysis SCA 9711-567

Box 1 (Series 4) NEC 79VR5000

Box 1 (Series 4) RISC Microprocessor

ICE Shared Construction Analysis SCA 9712-565

Box 1 (Series 4) Hitachi 5165805A

Box 1 (Series 4) 64Mbit (8Mb x 8) Dynamic RAM

ICE Shared Construction Analysis SCA 9712-566

Box 1 (Series 4) Mitsubishi M5M465405AJ

Box 1 (Series 4) 64Mbit DRAM (16M x 4 bit)

ICE Shared Construction Analysis SCA 9712-568

Box 1 (Series 4) Xilinx XC9536

Box 1 (Series 4) CPLD

ICE Shared Construction Analysis SCA 9712-569

Box 1 (Series 4) Altera EPM7128SQC160-15

Box 1 (Series 4) EPLD

ICE Shared Construction Analysis SCA 9712-570

Box 1 (Series 4) National Semiconductor LM2672

Box 1 (Series 4) Simple Switcher® Voltage Regulator

ICE Shared Construction Analysis SCA 9712-571

Box 1 (Series 4) Melexis ELEX 16201C

Box 1 (Series 4) Device

ICE Shared Construction Analysis SCA 9712-572

Box 1 (Series 4)	Macronix 27C8100PC-10
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Box 1 (Series 4)	8Mbit NAND EPROM
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ICE Shared Construction Analysis SCA 9712-573

Box 1 (Series 4)	Lattice ispLSI2032-180L
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Box 1 (Series 4)	CPLD
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ICE Shared Construction Analysis SCA 9712-575

Box 1 (Series 4)	Analog Devices ADSP-21062-KS-160
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Box 1 (Series 4)	SHARC Digital Signal Processor
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ICE Shared Construction Analysis SCA 9712-574

Box 1 (Series 4)	Linear Technology LTC1148CS-3.3
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Box 1 (Series 4)	Switching Regulator
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Subscription Construction Analysis

Box 1 (Series 4)	SUB 9408-05: report is part of the 1994 series, issued August 1994 and is the 5th report (of six issued).
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Series 5: Information Reports, 1966-1986

Scope and Contents: This series includes published and unpublished research material on integrated circuit technology.

	Box 1 (8), ca. 1974
Box 1 (Series 5)	Publications Notes: Contents: 6 articles in a large three ring binder
	Box 1 (8), 1967-1971
	Box 1 (8), 1971
Box 1 (Series 5)	MOS Processing Notes: Contents: Regrowing II-T Process, Low voltage process
	Box 1 (8), 1968
Box 1 (Series 5)	EPI #1 to #250 Notes: Contents: Epitaxial worksheets
	Box 1 (8), undated
Box 1 (Series 5)	Process Specifications for the 40 Volt BIPOLAR process Notes: Contents: Doc. No. PS-120410
	Box 1 (8), 1968
Box 1 (Series 5)	Ad. Fab. Tech. Processing Notes
	Box 1 (8), 1970-1974
Box 1 (Series 5)	Initial-Oxs Notes: Contents: Data worksheets
	Box 2 (9), Jan. 1985 - Jan. 1986
Box 2 (Series 5)	Microelectronics News Notes: Contents: Journal
	Box 2 (9), 1966
Box 2 (Series 5)	Thin Film Processing 110388 Notes: Contents: "Volume III Integrated Circuit Thin-Film Processing-A Compendium on BIPOLAR and MOS Wafer Processing"
	Box 2 (9), 1966

Box 2 (Series 5)	Silicon Wafer Processing Notes: Contents: "Volume II Silicon Wafer Processing-A Compendium on BIPOLAR and MOS Wafer Processing"
Box 2 (9), 1966	
Box 2 (Series 5)	Integrated Circuit Management Notes: Contents: "Volume V Integrated Circuit Management A Compendium on BIPOLAR and MOS Wafer Processing"
Box 2 (9), 1966	
Box 2 (Series 5)	Integrated Circuit Design Notes: Contents: "Volume I Integrated Circuit Design A Compendium on BIPOLAR and MOS Wafer Processing"
Box 2 (9), 1966	
Box 2 (Series 5)	Integrated Circuit Assembly Notes: Contents: "Volume IV Integrated Circuit Assembly A Compendium on BIPOLAR and MOS Wafer Processing"
Box 3 (10), 1979	
Box 3 (Series 5)	Integrated Circuit Fabrication, second edition Notes: Contents: published report
Box 3 (10), 1977	
Box 3 (Series 5)	Silicon Wafer Process Technology, Volume 1 Notes: Contents: published report
Box 3 (10), 1977	
Box 3 (Series 5)	MOS Silicon Wafer Processing, Volume 2 Notes: Contents: published report
Box 3 (10), 1977	
Box 3 (Series 5)	Bipolar Silicon Wafer Processing, Volume 3 Notes: Contents: published report
Box 4 (11), 1978	
Box 4 (Series 5)	Silicon Wafer Process Technology, Volume 1, Second Edition Notes: Contents: published report
Box 4 (11), 1978	
Box 4 (Series 5)	MOS Silicon Wafer Processing, Volume 2, Second Edition

Notes: Contents: published report

Box 4 (11), 1978

Box 4 (Series 5)

Bipolar Silicon Wafer Processing, Volume 3, Second Edition
Notes: Contents: published report

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Series 6: Manufacturing Facilities, 1980-1983

Scope and Contents: This series consists of published reports which provide an examination of each major IC process, from older technologies to the more recent Complimentary Metal Oxide Semiconductor (CMOS) and BiCMOS processes. The processes for deposition and the reasons for the use of new materials for IC metallization are reviewed in detail. Each major process from crystal growing through device packaging is described with clear and concise illustrations. While the content is primarily based on silicon processing, the basics of gallium arsenide are covered.

Box 1 (Series 6)	LSI Manufacturing Facilities Guidelines, 1980 Notes: Contents: SAME; published report by ICE
Box 1 (Series 6)	VLSI Manufacturing Facilities Guidelines, 1983, Volume 3 Notes: Contents: SAME; published report by ICE; blueprints
Box 1 (Series 6)	VLSI Manufacturing Facilities Guidelines, 1983, Volume 1 Notes: Contents: SAME; published report by ICE
Box 1 (Series 6)	VLSI Manufacturing Facilities Guidelines, 1983, Volume 2 Notes: Contents: SAME; published report by ICE

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Series 7: Packaging, 1982

Scope and Contents: This series includes published packaging strategies for electronic, semiconductor and solid-state devices.

Box 1 (13), 1982

Box 1 (Series 7)	Electronic Packaging Strategies for the 80's, Volume 1: Summary for Executives
Notes:	Contents: published report by ICE

Box 1 (13), 1982

Box 1 (Series 7)	Electronic Packaging Strategies for the 80's, Volume 2: Application Oriented Considerations
Notes:	Contents: published report by ICE

Box 1 (13), 1982

Box 1 (Series 7)	Electronic Packaging Strategies for the 80's, Volume 3: Design Considerations
Notes:	Contents: published report by ICE

Box 1 (13), 1982

Box 1 (Series 7)	Electronic Packaging Strategies for the 80's, Volume 4: Density & Speed Considerations
Notes:	Contents: published report by ICE

Box 1 (13), 1982

Box 1 (Series 7)	Electronic Packaging Strategies for the 80's, Volume 5: Thermal Considerations
Notes:	Contents: published report by ICE

Box 1 (13), 1982

Box 1 (Series 7)	Electronic Packaging Strategies for the 80's, Volume 6: Quality Assurance Reliability and Testing
Notes:	Contents: published report by ICE

Box 2 (Series 7)	Methods and procedures of Integrated Circuit Packaging, March 1970
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Series 8: Company Profiles, 1991-1995

Scope and Contents: This series contains single publications related to specific companies in the design, development, and fabrication of integrated circuits. Each company's profile covers sales history, overviews and strategies, key management personnel, products and process capabilities, IC facility information, and key present and proposed strategic agreements.

Box 1 (Series 8) Profiles 1991: A Worldwide Survey of IC Manufacturers and Suppliers
Contents: published report by ICE

Box 1 (Series 8) Profiles 1993: A Worldwide Survey of IC Manufacturers and Suppliers
Contents: published report by ICE

Box 1 (Series 8) Profiles 1994: A Worldwide Survey of IC Manufacturers and Suppliers
Contents: published report by ICE

Box 1 (Series 8) Profiles 1995: A Worldwide Survey of IC Manufacturers and Suppliers
Contents: published report by ICE

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Series 9: ICECAP Reports, 1980-1990

Scope and Contents: This series consists of a newsletter type report published by Integrated Circuit Engineering.

Box 1 (Series 9), Folder 1	1980-1989 ICECAP Index
Box 1 (Series 9), Folder 2	1980 Issue 0-1: The Japanese Threat, Part I
Box 1 (Series 9), Folder 3	1980 Issue 0-2: The Industry Leaders Speak
Box 1 (Series 9), Folder 4	1980 Issue 0-3: IC Pricing
Box 1 (Series 9), Folder 5	1980 Issue 0-4: Growth in a Failing Economy
Box 1 (Series 9), Folder 6	1980 Issue 0-5: Sandia RAD HARD IC Center
Box 1 (Series 9), Folder 7	1980 Issue 0-6: IC Industry Morality
Box 1 (Series 9), Folder 8	1980 Issue 0-7: Sameness 80
Box 1 (Series 9), Folder 9	1980 Issue 0-8: GaAs IC Symposium
Box 1 (Series 9), Folder 10	1980 Issue 0-9: Editorial: Joint Research vs. Anti-Trust
Box 1 (Series 9), Folder 11	1981 Issue 1-1: SOI: Silicon-on-Insulator
Box 1 (Series 9), Folder 12	1981 Issue 1-2: Hewlett-Packard Showpiece
Box 1 (Series 9), Folder 13	1981 Issue 1-3: IBM Packaging Approach
Box 1 (Series 9), Folder 14	1981 Issue 1-4: 64K Dram Tam
Box 1 (Series 9), Folder 15	1981 Issue 1-5: Integrated Circuits Circa 1985

Box 1 (Series 9), Folder 16	1981 Issue 1-6: Bonus Issue
Box 1 (Series 9), Folder 17	1981 Issue 1-7: Lithography: Part 1
Box 1 (Series 9), Folder 18	1981 Issue 1-8: Editorial Semicustom: High Density Business
Box 1 (Series 9), Folder 19	1981 Issue 1-9: Lithography: Part 2
Box 1 (Series 9), Folder 20	1981 Issue 1-10: China: The Door Opens
Box 1 (Series 9), Folder 21	1981 Issue 1-11: Silver Supply
Box 1 (Series 9), Folder 22	1981 Issue 1-12: International Electron Devices Meeting - 1981
Box 2 (Series 9), Folder 1	1982 Issue 2-1: Condesin 4 Megabit Memory Chip
Box 2 (Series 9), Folder 2	1982 Issue 2-2: Non-volatile Semiconductor Memory: Part One
Box 2 (Series 9), Folder 3	1982 Issue 2-3: 64K Dram Electrical Characterization
Box 2 (Series 9), Folder 4	1982 Issue 2-4: Non-volatile Semiconductor Memory: Part Two
Box 2 (Series 9), Folder 5	1982 Issue 2-5: Motorola 256K Dram Product Review
Box 2 (Series 9), Folder 6	1982 Issue 2-6: Non-volatile Semiconductor Memory: Part Three
Box 2 (Series 9), Folder 7	1982 Issue 2-7: Non-volatile Memory: Part 3
Box 2 (Series 9), Folder 8	1982 Issue 2-8: The IBM-Intel 64K Connection
Box 2 (Series 9), Folder 9	1982 Issue 2-9: Low Cost is my Name - Yield is my Game
Box 2 (Series 9), Folder 10	1982 Issue 2-10: IC Packaging - Part One

Box 2 (Series 9), Folder 11	1982 Issue 2-11: Does Quality Imply Reliability?
Box 2 (Series 9), Folder 12	1982 Issue 2-12: GaAs - Still a Promise?
Box 2 (Series 9), Folder 13	1983 Issue 3-1: 64K Dram Design Considerations
Box 2 (Series 9), Folder 14	1983 Issue 3-2: The Japanese VLSI Robot Marches On
Box 2 (Series 9), Folder 15	1983 Issue 3-3: System Memory Perspective
Box 2 (Series 9), Folder 16	1983 Issue 3-4: CMOS Perspective
Box 2 (Series 9), Folder 17	1983 Issue 3-5: New Approaches to Mainframe Computer Systems
Box 2 (Series 9), Folder 18	1983 Issue 3-6: Tape Automated Bonding: A New Awakening
Box 2 (Series 9), Folder 19	1983 Issue 3-7: Integrated Circuit Design: Handcrafting to Automatic
Box 2 (Series 9), Folder 20	1983 Issue 3-8: IC Fabrication Worldwide
Box 2 (Series 9), Folder 21	1983 Issue 3-9: HI-REL Semiconductors
Box 2 (Series 9), Folder 22	1983 Issue 3-10: Semiconductor User Concerns
Box 2 (Series 9), Folder 23	1983 Issue 3-11: Blind EPROMs
Box 2 (Series 9), Folder 24	1983 Issue 3-12: MOS: The Linear Alternative
Box 2 (Series 9), Folder 25	1984 Issue 4-1: ISSCC Conference Review
Box 2 (Series 9), Folder 26	ICEbreaker Report 4-1: 1984: IC Sales +52 Percent!!!
Box 2 (Series 9), Folder 27	1984 Issue 4-2: China Trip

Box 2 (Series 9), Folder 28	1984 Issue 4-3: Play it Again Hewlett-Packard
Box 2 (Series 9), Folder 29	1984 Issue 4-4: "Boom Time" Startups
Box 2 (Series 9), Folder 30	1984 Issue 4-5: GaAs - Another Look
Box 2 (Series 9), Folder 31	1984 Issue 4-6: Custom Integrated Circuits Conference - >84
Box 2 (Series 9), Folder 32	1984 Issue 4-7: Packaging Observations
Box 2 (Series 9), Folder 33	1984 Issue 4-8: Semiconductor Optoelectronics
Box 2 (Series 9), Folder 34	1984 Issue 4-9: Lithography - Keystone in IC Processing and Economics
Box 2 (Series 9), Folder 35	1984 Issue 4-10: Profitability in the IC Industry
Box 2 (Series 9), Folder 36	ICEbreaker Report 4-10: 1985 Forecast
Box 2 (Series 9), Folder 37	1984 Issue 4-11: 10 Years of IC Company Acquisitions - How Successful?
Box 2 (Series 9), Folder 38	ICEbreaker Report 4-11: End of Year Shipment Push Holds True to Form
Box 2 (Series 9), Folder 39	1984 Issue 4-12: 1984 IEDM
Box 3 (Series 9), Folder 1	1985 Issue 5-1: Television - A Digital IC Frontier
Box 3 (Series 9), Folder 2	1985 Issue 5-2: The Semiconductor Chip Protection Act of 1984
Box 3 (Series 9), Folder 3	1985 Issue 5-3: Semiconductor Facility Site Selection Guidelines
Box 3 (Series 9), Folder 4	1985 Issue 5-4: Silicon Compilers - At the Starting Line
Box 3 (Series 9), Folder 5	1985 Issue 5-5: Overview of Yield Projection Techniques

Box 3 (Series 9), Folder 6	ICEbreaker Report, June, 1985: Key Points for 1Q85
Box 3 (Series 9), Folder 7	1985 Issue 5-6: Japanese Electronic Conglomerates
Box 3 (Series 9), Folder 8	1985 Issue 5-7: A Comparison of Silicon-on-Insulator Technologies
Box 3 (Series 9), Folder 9	1985 Issue 5-8: 1985 CICC: Part Two
Box 3 (Series 9), Folder 10	ICEbreaker Report, October, 1985: U.S. Market Sinks Worldwide Semiconductor Industry
Box 3 (Series 9), Folder 11	1985 Issue 5-9: Si Valley - GaAs Sky?
Box 3 (Series 9), Folder 12	ICEbreaker Report, November, 1985: Risky Business
Box 3 (Series 9), Folder 13	1985 Issue 5-10: Adopting New Competitive Strategies
Box 3 (Series 9), Folder 14	1985 Issue 5-11: Japanese IC Producers: Tightening the Belt
Box 3 (Series 9), Folder 15	1985 Issue 5-12: Japan's Semiconductor Facilities
Box 3 (Series 9), Folder 16	ICEbreaker Report, 4th Quarter 1985: Key Points for 4Q85
Box 3 (Series 9), Folder 17	1986 Issue 6-1: ASIC Miscellany
Box 3 (Series 9), Folder 18	1986 Issue 6-2: Reliability and GaAs Symposium Highlights
Box 3 (Series 9), Folder 19	1986 Issue 6-3: Unique Approaches to ASICs
Box 3 (Series 9), Folder 20	ICEbreaker Report, 1st Quarter, 1986: Key Points for 1Q86
Box 3 (Series 9), Folder 21	1986 Issue 6-4: International Electron Devices Meeting: Washington, D.C., December 1-4, 1985
Box 3 (Series 9), Folder 22	1986 Issue 6-5: Semiconductor Content in Electronic Systems

Box 3 (Series 9), Folder 23	1986 Issue 6-6: Current and Potentially Emerging Computer Memory Technologies
Box 3 (Series 9), Folder 24	ICEbreaker Report, 2nd Quarter, 1986: Key Points for 2Q86
Box 3 (Series 9), Folder 25	1986 Issue 6-7: 1986 Packaging Observations
Box 3 (Series 9), Folder 26	1986 Issue 6-8: How's Business? An Examination of the First Half of 1986
Box 3 (Series 9), Folder 27	1986 Issue 6-9: IC Industry Long-Term Records
Box 3 (Series 9), Folder 28	1986 Issue 6-10: U.S. - Japan Semiconductor Trade Agreement
Box 3 (Series 9), Folder 29	1986 Issue 6-11: Important Legal Cases Currently Pending
Box 3 (Series 9), Folder 30	ICEbreaker Report, 2nd Quarter, 1986: Key Points for 3Q86
Box 3 (Series 9), Folder 31	1986 Issue 6-12: Overview of Laser Applications in Semiconductor Processing
Box 3 (Series 9), Folder 32	1987 Issue 7-1: IBM Watching
Box 3 (Series 9), Folder 33	1987 Issue 7-2: Smart Cards - The Next Boom?
Box 3 (Series 9), Folder 34	1987 Issue 7-3: U.S. Military ASIC Market
Box 3 (Series 9), Folder 35	1987 Issue 7-4: Distribution Blues
Box 3 (Series 9), Folder 36	1987 Issue 7-5: Paper Lion Recovery?
Box 3 (Series 9), Folder 37	1987 Issue 7-6: ASIC Manufacturing - A New Frontier
Box 3 (Series 9), Folder 38	ICEbreaker Report, 1st Quarter, 1987: Key Points for 1Q87
Box 3 (Series 9), Folder 39	1987 Issue 7-7: Research Cooperatives: The European Experience

Box 3 (Series 9), Folder 40	ICEbreaker Report, 2nd Quarter, 1987: Key Points for 2Q87
Box 3 (Series 9), Folder 41	1987 Issue 7-8: VLSI Packaging Trends
Box 3 (Series 9), Folder 42	1987 Issue 7-9: A Review of the Traditional IC Foundry
Box 3 (Series 9), Folder 43	1987 Issue 7-10: New Dynamic RAM Realities
Box 3 (Series 9), Folder 44	ICEbreaker Report, 3rd Quarter 1987: Key Points for 3Q87
Box 3 (Series 9), Folder 45	1987 Issue 7-11: The Billion Dollar Club
Box 3 (Series 9), Folder 46	1987 Issue 7-12: The U.S. - Japan Trade Agreement: 1 2 Years Later
Box 4 (Series 9), Folder 1	1988 Issue 8-1: Faster than a Speeding Bullet (and CMOS, Too)
Box 4 (Series 9), Folder 2	1988 Issue 8-2: 1988 Outlook and Forecast
Box 4 (Series 9), Folder 3	1988 Issue 8-3: "Production Sharing" - An Imperative IC Industry Transition
Box 4 (Series 9), Folder 4	ICEbreaker Report, 1st Quarter, 1988: Key Points for 1Q88
Box 4 (Series 9), Folder 5	1988 Issue 8-4: Semiconductor Industry Startup (1983-1988) Overview
Box 4 (Series 9), Folder 6	1988 Issue 8-5: DRAM Dramatics
Box 4 (Series 9), Folder 7	1988 Issue 8-6: GaAs Continues its Struggle
Box 4 (Series 9), Folder 8	ICEbreaker Report, 2nd Quarter 1988: Key Points for 2Q88
Box 4 (Series 9), Folder 9	1988 Issue 8-7: ASICs from Asia
Box 4 (Series 9), Folder 10	1988 Issue 8-8: High Speed SRAMs - High Speed Market

Box 4 (Series 9), Folder 11	1988 Issue 8-9: PLDs Come of Age
Box 4 (Series 9), Folder 12	ICEbreaker Report, 3rd Quarter, 1988: Kep Points for 3Q88
Box 4 (Series 9), Folder 13	1988 Issue 8-10: Hot Products Realize Enormous Profits - For a Select Few
Box 4 (Series 9), Folder 14	1988 Issue 8-11: Five-Year DRAM Pricing Forecast
Box 4 (Series 9), Folder 15	1988 Issue 8-12: Chips and PCs
Box 4 (Series 9), Folder 16	ICEbreaker Report, 4th Quarter, 1988: Key Points for 4Q88
Box 4 (Series 9), Folder 17	1989 Issue 9-1: The Korean Miracle: Fire in the East
Box 4 (Series 9), Folder 18	1989 Issue 9-2: HDTV: The Next PC?
Box 4 (Series 9), Folder 19	1989 Issue 9-3: 1989 ISSCC Conference Review
Box 4 (Series 9), Folder 20	ICEbreaker Report, 1st Quarter, 1989: Key Points for 1 Q89
Box 4 (Series 9), Folder 21	1989 Issue 9-4: Mixed-Mode Ics - An Overview
Box 4 (Series 9), Folder 22	1989 Issue 9-5: 1989 Custom Integrated Circuit Conference (CICC) Review
Box 4 (Series 9), Folder 23	1989 Issue 9-6: Quick-Turn Fabrication Equipment
Box 4 (Series 9), Folder 24	ICEbreaker Report, 2nd Quarter, 1989: Ky Points for 2Q89
Box 4 (Series 9), Folder 25	1989 Issue 9-7: The New Taiwan (Part 2)
Box 4 (Series 9), Folder 26	1989 Issue 9-2: Meeting the Challenges of TAB
Box 4 (Series 9), Folder 27	1989 Issue 9-9: U.S. Military IC Market

Box 4 (Series 9), Folder 28	ICEbreaker Report, 3rd Quarter, 1989: Key Points for 3Q89
Box 4 (Series 9), Folder 29	1989 Issue 9-10: 1989 Bi-polar Circuits and Technology Meeting (BCTM) Review
Box 4 (Series 9), Folder 30	1989 Issue 9-11: Young Lions
Box 4 (Series 9), Folder 31	1989 Issue 9-12: IC Fab Expansion into other Countries
Box 4 (Series 9), Folder 32	ICEbreaker Report, 4th Quarter, 1989: Key Points for 4Q89
Box 4 (Series 9), Folder 33	Report, March 1990, 1M DRAM Prices Firm Up
Box 4 (Series 9), Folder 34	1990 Issue 10-1: Europe: The Approaching "Unified" Economic Community
Box 4 (Series 9), Folder 35	1990 Issue 10-2: 1990 International Solid-State Circuits Conference Review
Box 4 (Series 9), Folder 36	1990 Issue 10-3: DSP - Transforming the Electronics Industry
Box 4 (Series 9), Folder 37	ICEbreaker Report, 1st Quarter, 1990: Key Points for 1Q90
Box 4 (Series 9), Folder 38	1990 Issue 10-4: Fast SRAM Market Review
Box 4 (Series 9), Folder 39	1990 Issue 10-5: 1990 Custom Integrated Circuit Conference (CICC) Review
Box 4 (Series 9), Folder 40	1990 Issue 10-6: Semiconductor Facilities: A First Half 1990 Update
Box 4 (Series 9), Folder 41	ICEbreaker Report, 2nd Quarter 1990: Key Points for 2Q90
Box 4 (Series 9), Folder 42	1990 Issue 10-7: The DRAM Futures Contracts: Problems of Visibility
Box 4 (Series 9), Folder 43	1990 Issue 10-8: ROW Update
Box 4 (Series 9), Folder 44	1990 Issue 10-9: The 1990 IEPS Conference

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ICEbreaker Report, 3rd Quarter, 1990: Key Points for 3Q90

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1990 Issue 10-10: Bi-polar Process Trends

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1990 Issue 10-12: X-Ray Lithography Developments

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Series 10: Government/Military, 1977-1981

Scope and Contents: This series contains protocols, arrangements, programs, contracts and investigations which ICE provided the US Government concerning all possibilities regarding very high speed integration, the next generation of military/aerospace microcircuits and the microprocessor status report for the Rome Air Defense Center.

Box 1 (Series 10)	November 1978 Notes:	Contents: RADC Product Evaluation Report- PE-114 Tracking Sheet No. 24 DESC Line Pre-Audit Samples; Analog Devices
Box 1 (Series 10)	June 1979 Notes:	Contents: RADC Product Evaluation Report- PE 112 DESC Stores Audit M38510/00902BEB; Signetics
Box 1 (Series 10)	July 1979 Notes:	Contents: RADC Product Evaluation Report- PE 111 DESC STORES Audit M38510/009004BEB; Motorola
Box 1 (Series 10)	March 1981 Notes:	Contents: RADC Product Evaluation Report- PE 110 DESC Stores Audit M38510/10301BHC; Fairchild
Box 1 (Series 10)	November 1978 Notes:	Contents: RADC Product Evaluation Report- PE 108 Class B Qualification Samples MC 14013; Motorola
Box 1 (Series 10)	June 1978 Notes:	Contents: RADC Product Evaluation Report- PE 103 DESC Line Audit Samples M1 7641-5 (.../208); Harris Semiconductor
Box 1 (Series 10)	June 1979 Notes:	Contents: RADC Product Evaluation Report- PE 102 DESC Stores Audit M38510/02003BCB; National Semiconductor Co.
Box 1 (Series 10)	September 1978 Notes:	Contents: RADC Product Evaluation Report- PE 101 DESC Stores Audit M38510/10102BIC; Fairchild
Box 1 (Series 10)	May 1979 Notes:	Contents: RADC Product Evaluation Report- PE 142 Tracking Sheet No. 45 QPL Part I Qualification Samples JM38510/05101BCC; Motorola
Box 1 (Series 10)	August 1979 Notes:	Contents: RADC Product Evaluation Report- PE 141 Tracking Sheet No. 44 Line Certification Sample Devices 16K Dynamic RAM; Mostek
Box 1 (Series 10)	March 1981	

	Notes:	Contents: RADC Product Evaluation Report- PE 139 DESC Stores Audit M38510/02203BCB; Signetics
Box 1 (Series 10)	April 1981 Notes:	Contents: RADC Product Evaluation Report- PE 136 DESC Stores Audit JM38510/01101BJC; Signetics
Box 1 (Series 10)	March 1979 Notes:	Contents: RADC Product Evaluation Report- PE 133 Tracking Sheet No's 40, 41, 42 Evaluation of Sealing Glass XS-1175; 24 lead DIP, Type "J"; 16 lead DIP, Type "E"; 14 lead flatpack, Type "D"; Motorola
Box 1 (Series 10)	May 1979 Notes:	Contents: RADC Product Evaluation Report PE 130 Tracking Sheets Nos. 37, 38, 39 Evaluation of Sealing Glass XS-1175; 14 lead flatpack-Type A; 16 lead flatpack-Type F; 24 lead flatpack-Type K; Motorola
Box 1 (Series 10)	March 1979 Notes:	Contents: RADC Product Evaluation Report- PE 129 Tracking Sheet No. 36 Evaluation of Sealing Glass KCL; 24 lead dual-in-line type "J" package; Harris Semiconductor
Box 1 (Series 10)	March 1979 Notes:	Contents: RADC Product Evaluation Report- PE 127 Tracking Sheet No. 34 Line Certification Sample Evaluation 741T; Precision Monolithics, Inc.
Box 1 (Series 10)		Contents: RADC Product Evaluation Report- PE 127 Tracking Sheet No. 34 Line Certification Sample Evaluation 741T; Precision Monolithics, Inc.
Box 1 (Series 10)		Contents: RADC Product Evaluation Report- PE 126 Tracking Sheet No. 33 Evaluation of Sealing Glass XS-1175; 16 lead dual-in-line Package; Motorola
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Box 2 (Series 10)	RADC Product Evaluation Report PE 205: Quality of Packages with Solder Dip Lead Finish, Type C, Type E; National Semiconductor Corp. (November 1980)
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Box 2 (Series 10)	RADC Product Evaluation Report PE 207: QPL Qualification Devices, JM38510/1014BHC; National Semiconductor Corp. (January 1981)
Box 2 (Series 10)	RADC Product Evaluation Report PE 208: Evaluation of the Wire Bonding Processes, CMOS Devices; RCA (November 1980)
Box 2 (Series 10)	RADC Product Evaluation Report PE 209: Evaluation of the Quality of Glass Sealed Packages with Hot Solder Dip Lead Finish, .../05003BCA, .../05101BCA, .../05202BCA; National Semiconductor Corp. (December 1980)
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Box 2 (Series 10)	RADC Product Evaluation Report on the Am 2918 Quad D Register Manufactured by Advanced Micro Devices, Inc. (August 1977)
Box 2 (Series 10)	Mid-1978 Status of the Integrated Circuit Industry: The Military/Aerospace Integrated Circuit Market Place of the 1980s and 1990s, by John D. Shea, Vice President (August 23, 1978)
Box 2 (Series 10)	Integrated Circuit Military/Aerospace Marketing and Procurement Reference Manual, Edited by John D. Shea, Vice Preside, I.C.E. (September 1978)

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Scope and Contents: This series contains information related to the semiconductor evolution, product specification sheets, articles on the different types of production, product line reports from an individual company, press releases from manufacturers, black and white and color photographs, slides, and price listings. These materials relate to Series 15: TASC Government Contracts.

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Series 14: ASIC Outlook, 1984-1997

Scope and Contents: This series contains the professional journal *Application Specific Integrated Circuit (s)*.

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Series 15: TASC Files (Government Contracts), undated

Scope and Contents: Protocols, arrangements, programs, contracts and investigations which ICE provided the US Government concerning all possibilities regarding VHSI (very high speed integration), the next generation of military/aerospace microcircuits and the microprocessor status.

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Series 16: Project Files, undated

Scope and Contents: Project Files are arranged into six subseries.
Subseries 16.1: Project Files (arranged by project number). Starting at box 171, the project files are not arranged according to project number. Box 171 is an addenda and the project files are not in sequence.

Subseries 16.1: Project Files (arranged by project number)

Box 1 (Series 16), Folder 5	ICE Project Number 305a ICE Folder Name: UNITED AIRCRAFT P/Q #1011, 1968 Notes: Content Summary: Presentation hybrid & solid state
Box 1 (Series 16), Folder 6	ICE Project Number 305b ICE Folder Name: UNITED AIRCRAFT, 1968 Notes: Content Summary: Master-electronic components division of limited aircraft corp.
Box 1 (Series 16), Folder 7	ICE Project Number 306 ICE Folder Name: WALTER C. MCCRONE ASSOCIATES, INC. Notes: Content Summary: SUHL II device analysis
Box 1 (Series 16), Folder 8	ICE Project Number 307 Notes: ICE Folder Name: ENGINEERING/FABRICATION APRIL 22-26
Box 1 (Series 16), Folder 9	ICE Project Number 308 Notes: ICE Folder Name: ENGINEERING/FABRICATION PHOENIX MAY 20-24, 1968
Box 1 (Series 16), Folder 10	ICE Project Number 316 Notes: ICE Folder Name: COLLINS RADIO COMPANY RICHARDSON, TEXAS, APRIL 2-5, 1968
Box 1 (Series 16), Folder 11	ICE Project Number 317 Notes: ICE Folder Name: GENERAL ELECTRIC- SYRACUSE APRIL 22-26, 1968
Box 1 (Series 16), Folder 12	ICE Project Number 322 Notes: ICE Folder Name: ERIE TECHNOLOGY PRODUCTS MANAGEMENT SEMINAR MAY 23, 1968

Box 1 (Series 16), Folder 13	ICE Project Number 324 Notes: ICE Folder Name: CHINA LAKE SEMINAR MAY 13-17, 1968
Box 1 (Series 16), Folder 14	ICE Project Number 325A Notes: Content Summary: Led dimensions on flat packs & DIP's, 1967-68
Box 1 (Series 16), Folder 15	ICE Project Number 325B Notes: Content Summary: Package market, especially TO-5 non-hermetic, 1968
Box 1 (Series 16), Folder 16	ICE Project Number 325C Notes: Content Summary: Dual in-line packaging, diagrams, markets, status, 1968
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Box 2 (Series 16), Folder 2	ICE Project Number 325E Notes: ICE Folder Name: GTI, 1969 Content Summary: Packaging activity reports-note: ceramic multilayer
Box 2 (Series 16), Folder 3	ICE Project Number 326 Notes: ICE Folder Name: BORG-WARNER COPORATION Content Summary: Moisture monitoring device
Box 2 (Series 16), Folder 4	ICE Project Number 330 Notes: ICE Folder Name: ENGINEERING/FABRICATION JUNE 17-21, 1968
Box 2 (Series 16), Folder 5	ICE Project Number 334 Notes: ICE Folder Name: LSI 1968 Content Summary: Large scale integration
Box 2 (Series 16), Folder 6	ICE Project Number 343 Notes: ICE Folder Name: IBM- ESSEX JUNCTION, VERMONT JULY 15-19, 1968

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Notes: ICE Folder Name: EE SEMINAR- MINEAPOLIS, MINN. JULY
10,11,12, 1968

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Notes: ICE Folder Name: CENTRALAB-1-DAY MANAGEMENT
OCTOBER 14th&15th, 1968

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ICE Project Number 349b

ICE Folder Name: CENTRALAB-1-DAY MANAGEMENT OCTOBER
14th&15th, 1968
Notes: Content Summary: Report file-Centerlab's present/future
microelectronics operation

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ICE Project Number 349c

ICE Folder Name: CENTRALAB-1-DAY MANAGEMENT OCTOBER
14th&15th, 1968
Notes: Content Summary: Project cost analysis

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ICE Project Number 353a

ICE Folder Name: Hugh, 1968
Notes: Content Summary: Flip chips/equipment

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ICE Project Number 353b

ICE Folder Name: C.J. LAwernce and Sons, 1968
Notes: Content Summary: A program for the semiconductor
processing equipment industry

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ICE Folder Name: NAvan, 1967
Notes: Content Summary: The market for semiconductor
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ICE Folder Name: amecs, 1969
Notes: Content Summary: A group entering the market with ILC
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Notes: Content Summary: A new concept for the semiconductor industry

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Notes: Content Summary: Formation of a company to specialize in the field of MICROWAVE INTEGRATED CIRCUITS

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Notes: ICE Folder Name: 4-WEEK FABRICATION SEMINAR SEPTEMBER 16-OCTOBER 11, 1968

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ICE Folder Name: OPPENHEIMER & CO. SEPTEMBER 5-6, 1968
Notes: Content Summary: Integrated circuit economics

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Notes: Content Summary: The application of integrated circuits

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Notes: Content Summary: Workbook-Integrated circuit technology

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Notes: ICE Folder Name: UNIVERSITY OF NEW YORK OCTOBER
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Notes: Content Summary: Chip consulting

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Notes: ICE Folder Name: LENKURT ELECTRIC COMPANY, INC.
OCTOBER 28-31, 1968

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TECHNOLOGY NOVEMBER 18-25, 1968

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ICE Folder Name: Mcdonald douglas, 1968
Notes: Content Summary: Facilities for microelectronics

Box 3 (Series 16),
Folder 13

Box 3, Folder 13, ICE Project Number 378

ICE Folder Name: Electronic, 1969
Notes: Content Summary: Diffused diaphragms

Box 3 (Series 16),
Folder 14

Box 3, Folder 14, ICE Project Number 379

ICE Folder Name: dupont, 1969
Notes: Content Summary: Metalization of silicon chips

Box 3 (Series 16),
Folder 15

Box 3, Folder 15, ICE Project Number 382
Notes: ICE Folder Name: ENGINEERING/FABRICATION
DECEMBER 9-13, 1968

Box 3 (Series 16),
Folder 16

Box 3, Folder 16, ICE Project Number 386
Notes: ICE Folder Name: ENGINEERING/FABRICATION FEBRUARY
10-14, 1969

Box 3 (Series 16),
Folder 17

Box 3, Folder 17, ICE Project Number 387

ICE Folder Name: G.E.
Notes: Content Summary: Memory studied

Box 3 (Series 16), Folder 18	Box 3, Folder 18, ICE Project Number 388a
	ICE Folder Name: UNITED AIRCRAFT MARKETING STUDY P/Q 4014 Notes: Content Summary: A study of the semiconductor memory market
Box 3 (Series 16), Folder 19	Box 3, Folder 19, ICE Project Number 388b
	ICE Folder Name: UNITED AIRCRAFT MARKETING STUDY P/Q 4014 Notes: Content Summary: Integrated circuit points
Box 3 (Series 16), Folder 20	Box 3, Folder 20, ICE Project Number 388c
	ICE Folder Name: UNITED AIRCRAFT MARKETING STUDY P/Q 4014 Notes: Content Summary: Permanent MOS Memory technique
Box 3 (Series 16), Folder 21	Box 3, Folder 21, ICE Project Number 391a
	ICE Folder Name: Lockheed, 1969 Notes: Content Summary: A microcircuit report for Lockheed Electronics Company
Box 3 (Series 16), Folder 22	ICE Project Number 391b
	ICE Folder Name: Lockheed, 1969 Notes: Content Summary: A microcircuit report for Lockheed Electronics Company-Report File: #391-1 A
Box 4 (Series 16), Folder 1	Box 4, Folder 1, ICE Project Number 391c
	ICE Folder Name: lockheed, 1969 Notes: Content Summary: Background study in Hybrid and microwave segments
Box 4 (Series 16), Folder 2	Box 4, Folder 2, ICE Project Number 392
	ICE Folder Name: shields and company, 1969 Notes: Content Summary: Feasibility of the MOS electronics proposal for the VIATRON system 21
Box 4 (Series 16), Folder 3	Box 4, Folder 3, ICE Project Number 393
	Notes: ICE Folder Name: IBM/ESSEX JUNCTION (2-WEEK FAB. SEM.) DECEMBER 2-13, 1968

Box 4 (Series 16),
Folder 4

Box 4, Folder 4, ICE Project Number 394

ICE Folder Name: SCM CORPORATION #1071, 1970
Notes: Content Summary: Marchant electronics-evaluation & development of the H.V. MOS and Bipolar devices

Box 4 (Series 16),
Folder 5

Box 4, Folder 5, ICE Project Number 396

ICE Folder Name: IBM/KINGSTON P/Q 1045 CUSTOM CIRCUITS, 1969
Notes: Content Summary: Custom circuits- KMER MASK/ SHIPLEYS AEO MASK

Box 4 (Series 16),
Folder 6

Box 4, Folder 6, ICE Project Number 397

ICE Folder Name: FAMILIARIZATION SEMINAR/FORUM
Notes: Content Summary: Lilton Electron-tube division

Box 4 (Series 16),
Folder 7

Box 4, Folder 7, ICE Project Number 399a
Notes: ICE Folder Name: GE/PHX. P/Q 1103 PAHSE I-A(FAB SEMINAR), 1969

Box 4 (Series 16),
Folder 8

Box 4, Folder 8, ICE Project Number 399b
Notes: ICE Folder Name: 4-WEEK FABRICATION SEMINAR JANUARY 27-21, 1969

Box 4 (Series 16),
Folder 9

Box 4, Folder 9, ICE Project Number 400

ICE Folder Name: report 6928400-1 ice, 1969
Notes: Content Summary: A compendium of numerous integrated circuits-Product analysis

Box 4 (Series 16),
Folder 10

Box 4, Folder 10, ICE Project Number 401

ICE Folder Name: 74 series market data-ice's pa file, 1970
Notes: Content Summary: TTL, S5400, N7400, aluminum corrosion, passivation, M.O.A., transistors

Box 4 (Series 16),
Folder 11

ICE Project Number 402a

ICE Folder Name: GENERAL ELECTRIC-UTICA P/Q 1086 MICROELECTRONIC FAB. RECOMMENDATIONS, 1969
Notes: Content Summary: Review & recommendations for thin film hybrid microelectronics fabrication

Box 5 (Series 16),
Folder 1 ICE Project Number 402b

ICE Folder Name: GENERAL ELECTRIC-UTICA P/Q 1086
MICROELECTRONIC FAB. RECOMMENDATIONS, 1969
Notes: Content Summary: The review and recommendations for
thin film hybrid microelectronics fabrication

Box 5 (Series 16),
Folder 2 ICE Project Number 402c

ICE Folder Name: GENERAL ELECTRIC-UTICA P/Q 1086
MICROELECTRONIC FAB. RECOMMENDATIONS, 1969
Notes: Content Summary: Packaging system improvements for
GE thin film hybrid microelectronics

Box 5 (Series 16),
Folder 3 ICE Project Number 402d

ICE Folder Name: GENERAL ELECTRIC-UTICA P/Q 1086
MICROELECTRONIC FAB. RECOMMENDATIONS, 1969
Notes: Content Summary: Aerospace electronic Department

Box 5 (Series 16),
Folder 4 ICE Project Number 403

ICE Folder Name: ICE
Notes: Content Summary: Internal information on 500 Element
Plot move to ICEMAP III program

Box 5 (Series 16),
Folder 5 ICE Project Number 404

ICE Folder Name: solid state equipment corporation
Notes: Content Summary: Using SILANE to grow silicon layer in
the SSEC epitaxial reactor

Box 5 (Series 16),
Folder 6 Box 5, Folder 6, ICE Project Number 405
Notes: ICE Folder Name: ZENITH, 1969

Box 5 (Series 16),
Folder 7 Box 5, Folder 7, ICE Project Number 408a

ICE Folder Name: LOCKHEED ELECTRONICS, 1969
Notes: Content Summary: Microcircuit plan

Box 5 (Series 16),
Folder 8 Box 5, Folder 8, ICE Project Number 408b

ICE Folder Name: LOCKHEED ELECTRONICS, 1969

Notes: Content Summary: Legal documents re: microcircuit plan

Box 5 (Series 16),
Folder 9

Box 5, Folder 9, ICE Project Number 409a

ICE Folder Name: GENERAL ELECTRIC, SYRACUSE P/Q 1098 PHASE
III- STATE OF ART REPORT, 1969
Notes: Content Summary: Electro optical devices

Box 5 (Series 16),
Folder 10

ICE Project Number 409b

ICE Folder Name: GENERAL ELECTRIC, SYRACUSE P/Q 1098 PHASE
III- STATE OF ART REPORT, 1969
Notes: Content Summary: A state of the art report on integrated
circuit technology

Box 5 (Series 16),
Folder 11

ICE Project Number 409c

ICE Folder Name: GENERAL ELECTRIC, SYRACUSE P/Q 1098 PHASE
III- STATE OF ART REPORT, 1970
Notes: Content Summary: Evaluation of the gate circuits of the
SUHL-II type logic family

Box 5 (Series 16),
Folder 12

ICE Project Number 410

ICE Folder Name: GENERAL ELECTRIC, SYRACUSE P/Q 1098 PHASE
II (P.A.), 1969
Notes: Content Summary: Status of 9 circuits

Box 5 (Series 16),
Folder 13

ICE Project Number 411a

Notes: ICE Folder Name: ENGINEERING REPORTS- G.E., 1970

Box 5 (Series 16),
Folder 14

ICE Project Number 411b

ICE Folder Name: GENERAL ELECTRIC, SYRACUSE P/Q 1098 PHASE
II- (CIRCUITS), 1970
Notes: Content Summary: SUHL II design plan, TTL-1 quad gate
with flip/flops

Box 5 (Series 16),
Folder 15

ICE Project Number 411c

ICE Folder Name: GENERAL ELECTRIC
Notes: Content Summary: Design, test, sourcing for the ANO JK
flip/flops of SUHL II series

Box 6 (Series 16), Folder 1	Box 6, Folder 1, ICE Project Number 413	ICE Folder Name: bendix electodynamics, 1969 Notes: Content Summary: Facility review
Box 6 (Series 16), Folder 2	Box 6, Folder 2, ICE Project Number 415	Notes: ICE Folder Name: ENGINEERING/FABRICATION MARCH 17-21, 1969
Box 6 (Series 16), Folder 3	Box 6, Folder 3, ICE Project Number 416	ICE Folder Name: general electric company, 1969 Notes: Content Summary: A study of Integration level-Master Copy and correspondence
Box 6 (Series 16), Folder 4	Box 6, Folder 4, ICE Project Number 417	ICE Folder Name: GENERAL ELECTRIC, PHOENIX P/Q 1104 SPECIAL PROJECTS ANAYLISIS, 1969 Notes: Content Summary: Plastic package evaluation T.I. Emitter coupled logic ECL-2500 family
Box 6 (Series 16), Folder 5	Box 6, Folder 5, ICE Project Number 418	ICE Folder Name: SIGNETICS/SUNNYVALE, COL. P/Q 2021, 1969 Notes: Content Summary: ECL/CML circuit market study
Box 6 (Series 16), Folder 6	Box 6, Folder 6, ICE Project Number 419	ICE Folder Name: analog devices, inc., 1969 Notes: Content Summary: Potential in-house monolithic facility study
Box 6 (Series 16), Folder 7	Box 6, Folder 7, ICE Project Number 420	Notes: ICE Folder Name: 2-WEEK FABRICATION SEMINAR FEBRUARY 24-MARCH 7, 1969
Box 6 (Series 16), Folder 8	Box 6, Folder 8, ICE Project Number 423	Notes: ICE Folder Name: FIVE ONE-DAY ADVANCED SEMINARS APRIL 14,15, 16, 17, AND 18, 1969
Box 6 (Series 16), Folder 9	Box 6, Folder 9, ICE Project Number 425	Notes: ICE Folder Name: general electric, phoenix phase II (p.a. Seminar) P/Q 1103

Box 6 (Series 16),
Folder 10

Box 6, Folder 10, ICE Project Number 426
Notes: ICE Folder Name: ENGINEERING/FABRICATION APRIL
21-25, 1969

Box 6 (Series 16),
Folder 11

Box 6, Folder 11, ICE Project Number 431

ICE Folder Name: general electric company p/q #1122, 1969
Notes: Content Summary: Investigation proposal: gated amplifier
wafers

Box 6 (Series 16),
Folder 12

Box 6, Folder 12, ICE Project Number 432

ICE Folder Name: m.i.t.
Notes: Content Summary: Diffused resistor impurity diffusion
profiles

Box 6 (Series 16),
Folder 13

Box 6, Folder 13, ICE Project Number 435
Notes: ICE Folder Name: IBM CORP.-ESSEX JUNCTION P/Q 4023
APRIL 7-11, 1969

Box 6 (Series 16),
Folder 14

Box 6, Folder 14, ICE Project Number 439
Notes: ICE Folder Name: 5-DAY ENGINEERING MAY 19-23, 1969

Box 6 (Series 16),
Folder 15

Box 6, Folder 15, ICE Project Number 443
Notes: ICE Folder Name: R C A SEMINAR APRIL 28/MAY 9, 1969

Box 6 (Series 16),
Folder 16

Box 6, Folder 16, ICE Project Number 447a

ICE Folder Name: Joseph Lucas, Ltd.-ford motor company, 1969
Notes: Content Summary: Step-by-step of semiconductor
fabrication procedures & facility layout

Box 6 (Series 16),
Folder 17

Box 6, Folder 17, ICE Project Number 447b

ICE Folder Name: Joseph Lucas, Ltd.-ford motor company, 1969
Notes: Content Summary: Failure mechanism for the Ford voltage
reg.

Box 6 (Series 16),
Folder 18

Box 6, Folder 18, ICE Project Number 448

ICE Folder Name: GENERAL ELECTRIC, PHOENIX P/Q 1103 PHASE III
(QUATERLY VISITS)
Notes: Content Summary: Procurement practices

Box 6 (Series 16),
Folder 19

Box 6, Folder 19, ICE Project Number 449

ICE Folder Name: MOTOROLA, INC.- CHICAGO P/Q #1068, 1969
Notes: Content Summary: Decoder logic A wafer-Gold backed wafer & overlays with diffusion MASKS

Box 6 (Series 16),
Folder 20

Box 6, Folder 20, ICE Project Number 450

ICE Folder Name: Semcor division of components, inc., 1969
Notes: Content Summary: Failure analysis of Zener diodes, Z1382 & Z1363

Box 6 (Series 16),
Folder 21

Box 6, Folder 21, ICE Project Number 452

ICE Folder Name: eaton, yale, and towne research center, 1969
Notes: Content Summary: Automotive automatic speed control/ problems and economics silicon monolithic

Box 6 (Series 16),
Folder 22

Box 6, Folder 22, ICE Project Number 453

ICE Folder Name: General electric, 1969
Notes: Content Summary: Incomplete contract request

Box 6 (Series 16),
Folder 23

Box 6, Folder 23, ICE Project Number 454

ICE Folder Name: PACKAGING PRODUCT ANALYSIS
Notes: Content Summary: Draft, ca. 1969

Box 6 (Series 16),
Folder 24

Box 6, Folder 24, ICE Project Number 455

ICE Folder Name: A.C. Electronics, 1970-80
Notes: Content Summary: Electronic technology committee recommendation- hybrid capabilities

Box 6 (Series 16),
Folder 25

Box 6, Folder 25, ICE Project Number 456
Notes: ICE Folder Name: ENGINEERING SEMINAR JUNE 23-27, 1969

Box 6 (Series 16),
Folder 26

Box 6, Folder 26, ICE Project Number 459a

ICE Folder Name: Aerojet-general corporation, 1969
Notes: Content Summary: Failure analysis of hybrid circuit preamplifiers

Box 6 (Series 16), Folder 27	Box 6, Folder 27, ICE Project Number 459b
	ICE Folder Name: Aerojet-general corporation, 1969 Notes: Content Summary: Contract correspondence and flip-flop
Box 7 (Series 16), Folder 1	Box 7, Folder 1, ICE Project Number 462
	ICE Folder Name: BABCOCK & WILCOX P/Q 1144` 1969 Notes: Content Summary: Multiple transistor chips
Box 7 (Series 16), Folder 2	Box 7, Folder 2, ICE Project Number 463
	Notes: ICE Folder Name: STATE UNIVERSITY OF NEW YORK JUNE 18, 19, 20, 1969
Box 7 (Series 16), Folder 3	Box 7, Folder 3, ICE Project Number 464
	Notes: ICE Folder Name: IBM-POUGHKEEPSIE JUNE 23-26, 1969
Box 7 (Series 16), Folder 4	Box 7, Folder 4, ICE Project Number 467
	ICE Folder Name: BENDIX CORPORATION PROPOSAL 1133 Notes: Content Summary: Expanded microelectronics operation
Box 7 (Series 16), Folder 5	Box 7, Folder 5, ICE Project Number 469
	ICE Folder Name: MOTOROLA, INC.-MESA P/Q #1143, 1969 Notes: Content Summary: Laying out MASK sets
Box 7 (Series 16), Folder 6	Box 7, Folder 6, ICE Project Number 470
	Notes: ICE Folder Name: HONEYWELL SEMINAR JUNE 30 AND JULY 1, 1969
Box 7 (Series 16), Folder 7	Box 7, Folder 7, ICE Project Number 471
	ICE Folder Name: G. E. PHOENIX-CIRCUIT MODELING P/Q #1138, 1969 Notes: Content Summary: Explanation of model parameters for "CIRCUS" programs
Box 7 (Series 16), Folder 8	Box 7, Folder 8, ICE Project Number 472
	ICE Folder Name: OMNI-SPECTRA P/Q 1140, 1969 Notes: Content Summary: Market analysis of microwave integrated circuits

Box 7 (Series 16),
Folder 9

Box 7, Folder 9, ICE Project Number 473
Notes: ICE Folder Name: LOCKHEAD SEMINAR-NEW JERSEY JULY
8-11, 1969

Box 7 (Series 16),
Folder 10

Box 7, Folder 10, ICE Project Number 480

ICE Folder Name: CENTRALAB, MILWAUKE (CONSULATING) P/Q
#1136
Notes: Content Summary: Review of hybrid circuit facilities

Box 7 (Series 16),
Folder 11

Box 7, Folder 11, ICE Project Number 484
Notes: ICE Folder Name: MICROSYSTEMS INTERNATIONAL PROP.
1154A

Box 7 (Series 16),
Folder 12

Box 7, Folder 12, ICE Project Number 485
Notes: ICE Folder Name: 4-WEEK DESIGN/FABRICATION
NOVEMBER 17-DECEMBER 14, 1969

Box 7 (Series 16),
Folder 13

Box 7, Folder 13, ICE Project Number 487
Notes: ICE Folder Name: ENGINEERING, LSI, FAILURE ANALYSIS
OCTOBER 27-NOV. 1, 1969

Box 7 (Series 16),
Folder 14

Box 7, Folder 14, ICE Project Number 488

ICE Folder Name: SEMICONDUCTOR ELECTRONIC MEMORIES, INC.,
1969
Notes: Content Summary: Facility plan

Box 7 (Series 16),
Folder 15

Box 7, Folder 15, ICE Project Number 489
Notes: ICE Folder Name: 2-WEEK PROCESSING COURSE
NOVEMBER 3-14, 1969

Box 7 (Series 16),
Folder 16

Box 7, Folder 16, ICE Project Number 491

ICE Folder Name: Robert a. hirschfeld-electronic consultant, 1969
Notes: Content Summary: UA741 circuit design analysis-
predecessor 709 amplifier

Box 7 (Series 16),
Folder 17

Box 7, Folder 17, ICE Project Number 493
Notes: ICE Folder Name: ENGINEERING/ RELIABILITY /PURCH/
MKT. NOVEMBER 17-21, 1969

Box 7 (Series 16),
Folder 18

Box 7, Folder 18, ICE Project Number 494

ICE Folder Name: ICE, 1969
Notes: Content Summary: Report: T6 Control Pattern

Box 7 (Series 16),
Folder 19

Box 7, Folder 19, ICE Project Number 497

ICE Folder Name: MICROELECTRONICS ARTICLE, 1970
Notes: Content Summary: "IC Business in the USA" and "Internal Aspects"

Box 7 (Series 16),
Folder 20

Box 7, Folder 20, ICE Project Number 503

ICE Folder Name: DICKSON ELECTRONICS CORP. P/Q #1149, 1969
Notes: Content Summary: Organization for continued growth

Box 8 (Series 16),
Folder 1

Box 8, Folder 1, ICE Project Number 509
Notes: ICE Folder Name: ENGINEERING, FACILITIES, FAILURE ANALYSIS DECEMBER 1-6, 1969

Box 8 (Series 16),
Folder 2

Box 8, Folder 2, ICE Project Number 511
Notes: ICE Folder Name: NORTHROP CORP. (SEMINAR) LETTER #1186

Box 8 (Series 16),
Folder 3

Box 8, Folder 3, ICE Project Number 513

ICE Folder Name: MIL (MARKETING STUDIES) P/Q #1187, 1970
Notes: Content Summary: MOS market analysis and the 7400 TTL market

Box 8 (Series 16),
Folder 4

Box 8, Folder 4, ICE Project Number 515

ICE Folder Name: MICROSYSTEMS INTERNATIONAL P/Q #1156, 1970
Notes: Content Summary: MOS and the TLL market study presentation

Box 8 (Series 16),
Folder 5

Box 8, Folder 5, ICE Project Number 517

ICE Folder Name: DYAD SYSTEMS, INC., 1969
Notes: Content Summary: Summary of individual contacts

Box 8 (Series 16),
Folder 6

Box 8, Folder 6, ICE Project Number 519

ICE Folder Name: GRUMMAN, 1970
Notes: Content Summary: "An analysis of the Fairchild uA741 operational amplifier" January, 1970 report 7000515e-1

Box 8 (Series 16),
Folder 7

Box 8, Folder 7, ICE Project Number 520

Notes: Content Summary: Matsushita Electronics Corporation
consultation visit, 1969

Box 8 (Series 16),
Folder 8

Box 8, Folder 8, ICE Project Number 524

ICE Folder Name: HITACHI, LTD. P/Q #1112 & 1113, 1969

Notes: Content Summary: DECAP DC circuit analysis program

Box 8 (Series 16),
Folder 9

Box 8, Folder 9, ICE Project Number 525

ICE Folder Name: MOTOROLA (CHICAGO) P/Q #1193, 1970

Notes: Content Summary: Correspondence

Box 8 (Series 16),
Folder 10

Box 8, Folder 10, ICE Project Number 526

ICE Folder Name: STATE UNIVERSITY OF NEW YORK NOVEMBER
12, 13, 14, 1969

Notes: Content Summary: Seminar

Box 8 (Series 16),
Folder 11

Box 8, Folder 11, ICE Project Number 530

ICE Folder Name: RESDEL ENGINEERING CO., 1970

Notes: Content Summary: Logic analysis program

Box 8 (Series 16),
Folder 12

Box 8, Folder 12, ICE Project Number 531

ICE Folder Name: BURROUGHS-KING OF PRUSSIA DECEMBER 8-12,
1969

Notes: Content Summary: Attendance list

Box 8 (Series 16),
Folder 13

Box 8, Folder 13, ICE Project Number 532

Notes: ICE Folder Name: GENERAL ELECTRIC COMPANY MARCH
30, 1970- UP-DATE

Box 8 (Series 16),
Folder 14

Box 8, Folder 14, ICE Project Number 533

Notes: ICE Folder Name: ENGINEERING SEMINAR FEBRUARY 16-19
& 1-DAY ADVANCED

Box 8 (Series 16),
Folder 15

Box 8, Folder 15, ICE Project Number 534

Notes: Content Summary: Attendance at Dyad Systems seminar

Box 8 (Series 16),
Folder 16

Box 8, Folder 16, ICE Project Number 539

Notes: Content Summary: General Electric work statement, P/Q
#1212, 1970

Box 8 (Series 16), Folder 17	Box 8, Folder 17, ICE Project Number 541
	ICE Folder Name: IBM SEMINAR- GAITHERSBURG, MD JANUARY 19-23, 1970 Notes: Content Summary: Attendance list
Box 8 (Series 16), Folder 18	Box 8, Folder 18, ICE Project Number 542
	ICE Folder Name: ADVANCED TECHNOLOGY, INC. P/Q #1206, 1970 Notes: Content Summary: Invoice
Box 8 (Series 16), Folder 19	Box 8, Folder 19, ICE Project Number 543 Notes: ICE Folder Name: HONEYWELL, AERO (CONSULTING)
Box 8 (Series 16), Folder 20	Box 8, Folder 20, ICE Project Number 544
	ICE Folder Name: IBM SEMINAR- ESSEX JUNCTION, VERMONT JANUARY 26-30, 1970 Notes: Content Summary: Attendance list
Box 9 (Series 16), Folder 1	Box 9, Folder 1, ICE Project Number 545
	ICE Folder Name: BORG-WARNER CORP. P/Q #1188, 1969 Notes: Content Summary: Purchase order
Box 9 (Series 16), Folder 2	Box 9, Folder 2, ICE Project Number 548a
	ICE Folder Name: AIR-TSCP 700-4, 1970 Notes: Content Summary: Prediction of reliability
Box 9 (Series 16), Folder 3	Box 9, Folder 3, ICE Project Number 548b Notes: Content Summary: Abstract of ICE report 7000548-1 proposed for Digital Motor Control
Box 9 (Series 16), Folder 4	Box 9, Folder 4, ICE Project Number 548c
	ICE Folder Name: AIRSEARCH MANUFACTURING COMPANY P/Q #1208 Notes: Content Summary: Breadboard digital systems
Box 9 (Series 16), Folder 5	Box 9, Folder 5, ICE Project Number 548d Notes: Content Summary: Prediction of reliability for APU TSCP700-4, 1970

Box 9 (Series 16),
Folder 6

Box 9, Folder 6, ICE Project Number 548e
Notes: Content Summary: Proposed digital motor control system for auxiliary power unit TSCP700-4, 1970

Box 9 (Series 16),
Folder 7

Box 9, Folder 7, ICE Project Number 549

ICE Folder Name: SEMICONDUCTOR DIV. GLOBE-UNION, INC. P/Q #1147, 1970

Notes: Content Summary: Specifications for selected products, market opportunities study, and correspondence

Box 9 (Series 16),
Folder 8

Box 9, Folder 8, ICE Project Number 550

ICE Folder Name: NAVAL ELECTRONICS LAB SEMINAR JANUARY 14, 1970 (MANAGEMENT)

Notes: Content Summary: Attendance list

Box 9 (Series 16),
Folder 9

Box 9, Folder 9, ICE Project Number 555
Notes: ICE Folder Name: 4-DAY ENGINEERING/MAMT./PURCHASING APRIL 6-10, 1970

Box 9 (Series 16),
Folder 10

Box 9, Folder 10, ICE Project Number 556
Notes: ICE Folder Name: 4-WEEK FABRICATION COURSE FEBRUARY 23-MARCH 20, 1970

Box 9 (Series 16),
Folder 11

Box 9, Folder 11, ICE Project Number 557
Notes: ICE Folder Name: OPPENHEIMER & CO. (MOS EVAL.) P/Q VERBAL, 1970

Box 9 (Series 16),
Folder 12

Box 9, Folder 12, ICE Project Number 558

ICE Folder Name: MOTOROLA, INC. (MESA) P/Q #1180A

Notes: Content Summary: Work statement

Box 9 (Series 16),
Folder 13

Box 9, Folder 13, ICE Project Number 559
Notes: ICE Folder Name: ENGINEERING SEMINAR MARCH 16-19, 1970

Box 9 (Series 16),
Folder 14

Box 9, Folder 14, ICE Project Number 560
Notes: ICE Folder Name: 4-DAY ENGINEERING/LSI/FAILURE ANALYSIS MAY 18-MAY 23, 1970

Box 9 (Series 16),
Folder 15

Box 9, Folder 15, ICE Project Number 561

ICE Folder Name: OMNITEC CORP. (FEASIBILITY STUDY) P/Q #1228

Notes: Content Summary: Status of Omnitec contract

Box 9 (Series 16),
Folder 16

Box 9, Folder 16, ICE Project Number 563
Notes: Content Summary: Correspondence for Projects 563-573

Box 9 (Series 16),
Folder 17

Box 9, Folder 17, ICE Project Number 564
Notes: ICE Folder Name: NAVAL ELECTRONICS LABORTORY
CENTER - MARCH 9-13, 1970

Box 10 (Series 16),
Folder 1

Box 10, Folder 1, ICE Project Number 569a

ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD. MISC.
INFO., 1970
Notes: Content Summary: Organizational review

Box 10 (Series 16),
Folder 2

Box 10, Folder 2, ICE Project Number 569b

ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD.
CORRESPONDENCE, 1970
Notes: Content Summary: Correspondence

Box 10 (Series 16),
Folder 3

Box 10, Folder 3, ICE Project Number 569c

ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD., 1970
Notes: Content Summary: Misc. information and G. Madland's
notes

Box 10 (Series 16),
Folder 4

[Box 10, Folder 4, ICE Project Number 570](#)

ICE Folder Name: NAVY ELECT. LAB. CENTER (PARTIT. STUDY) P/Q
#1235, 1971
Notes: Content Summary: Report on AX & B chip-Floating point
signed arithmetic

Box 10 (Series 16),
Folder 5

Box 10, Folder 5, ICE Project Number 571

ICE Folder Name: MIL (FACILITY EVALUATION) P/Q #1238, 1970
Notes: Content Summary: Photomask facility study

Box 10 (Series 16),
Folder 6

Box 10, Folder 6, ICE Project Number 572

ICE Folder Name: MICRODOT (CIRCUITS) P/Q #1236, 1971
Notes: Content Summary: Developing chips with attaching
insulated wire

Box 10 (Series 16),
Folder 7

Box 10, Folder 7, ICE Project Number 573-1 C

ICE Folder Name: FAIRCHILD SEMICONDUCTOR, 1970
Notes: Content Summary: Process capabilities report for Fairchild DTuL circuits

Box 11 (Series 16),
Folder 1

Box 11, Folder 1, ICE Project Number 575

ICE Folder Name: MIT-LINCOLN LABS (BONDING ASSIST.) P/Q #1247,
1970
Notes: Content Summary: Memo report PHASE II

Box 11 (Series 16),
Folder 2

Box 11, Folder 2, ICE Project Number 581
Notes: ICE Folder Name: 2-WEEK PROCESSING COURSE JUNE 1-
JUNE 12, 1970

Box 11 (Series 16),
Folder 3

Box 11, Folder 3, ICE Project Number 582
Notes: Content Summary: Draft of molecular sciences prospectus,
1970

Box 11 (Series 16),
Folder 4

Box 11, Folder 4, ICE Project Number 586
Notes: ICE Folder Name: IBM COPORATION 3-WEEK MOS DESIGN
SEMINAR JUNE 22-JULY 2, 1970 & OCTOBER 509, 1970

Box 11 (Series 16),
Folder 5

Box 11, Folder 5, ICE Project Number 587
Notes: ICE Folder Name: RAIRCHILD (MT. VIEW) (MEMORY STUDY)
P/Q #1264, 1970

Box 11 (Series 16),
Folder 6

Box 11, Folder 6, ICE Project Number 590
Notes: ICE Folder Name: SYLVANIA (DESIGN/LAYOUT) P/Q #1299,
1970

Box 11 (Series 16),
Folder 7

Box 11, Folder 7, ICE Project Number 595

ICE Folder Name: HONEYWELL
Notes: Content Summary: Proposed ADG program

Box 11 (Series 16),
Folder 8

Box 11, Folder 8, ICE Project Number 599

ICE Folder Name: METCERAM, 1970
Notes: Content Summary: Study of potential market for ceramic
LSI packages

Box 11 (Series 16),
Folder 9

Box 11, Folder 9, ICE Project Number 600
Notes: ICE Folder Name: 4-WEEK FABRICATION COURSE
SEPTEMBER 21-OCTOBER 16, 1970

Box 11 (Series 16), Folder 10	Box 11, Folder 10, ICE Project Number 601 Notes: ICE Folder Name: 4-DAY ENGINEERING SEMINAR (1 DAY- MOS OR FA) OCTOBER 19-24, 1970
Box 11 (Series 16), Folder 11	Box 11, Folder 11, ICE Project Number 603 Notes: ICE Folder Name: GLOBE UNION, INC. EL MONTE (CIRCUITS) P/Q #1293, 1971
Box 11 (Series 16)	Box 11, Folder 11, ICE Project Number 604 Notes: ICE Folder Name: GLOBE UNION, INC. EL MONTE (CIRCUITS) P/Q #1293, 1971
Box 175 (Series 16)	Project Number 605 Notes: Unidynamics
Box 11 (Series 16), Folder 12	Box 11, Folder 12, ICE Project Number 606 Notes: ICE Folder Name: NELC (SEMINAR), 1970
Box 11 (Series 16), Folder 13	Box 11, Folder 13, ICE Project Number 610 Notes: ICE Folder Name: BAILEY METER CO. (SEMINAR) P/Q # 1338, 1970
Box 11 (Series 16), Folder 14	Box 11, Folder 14, ICE Project Number 611 Notes: ICE Folder Name: VIATRON (CONSULTING) P/Q #1342, 1971
Box 11 (Series 16), Folder 15	Box 11, Folder 15, ICE Project Number 613 Notes: ICE Folder Name: LOCKHEED (CONSULTING) P/Q # 1352, 1970
Box 11 (Series 16), Folder 16	Box 11, Folder 16, ICE Project Number 614 Notes: ICE Folder Name: (1-DAY OR STATUS OF INDUSTRY) NOVEMBER 16-20, 1970
Box 11 (Series 16), Folder 17	Box 11, Folder 17, ICE Project Number 615 Notes: Content Summary: Honeywell purchase order, 1970
Box 11 (Series 16), Folder 18	Box 11, Folder 18, ICE Project Number 616 Notes: ICE Folder Name: AMELCO (CIRCUITS) P/Q # 132
Box 11 (Series 16), Folder 19	Box 11, Folder 19, ICE Project Number 617 Notes: ICE Folder Name: 2-WEEK SPECIAL SEMINAR- R C A OCTOBER 19-30, 1970
Box 11 (Series 16), Folder 20	Box 11, Folder 20, ICE Project Number 619 Notes: ICE Folder Name: ICE PROJECT FILES Content Summary: ITT project file, 1970 (bound file)

Box 11 (Series 16), Folder 21	Box 11, Folder 21, ICE Project Number 619 Notes: ICE Folder Name: ITT (CONSULTING), 1970
Box 12 (Series 16), Folder 1	Box 12, Folder 1, ICE Project Number 620 Notes: ICE Folder Name: DICKSON (MKT. STUDY) P/Q #1345, 1970
Box 12 (Series 16), Folder 2	Box 12, Folder 2, ICE Project Number 626 ICE Folder Name: IBM, LOS GATOS (WAFER PROCESS.) P/Q #1357 Notes: Content Summary: Cost authorization
Box 12 (Series 16), Folder 3	Box 12, Folder 3, ICE Project Number 627 Notes: ICE Folder Name: LOCKHEED, N.J. (CONSULTING), 1970
Box 12 (Series 16), Folder 4	Box 12, Folder 4, ICE Project Number 628 ICE Folder Name: NELC (APPL. SEMINAR), 1970 Notes: Content Summary:
Box 12 (Series 16), Folder 5	Box 12, Folder 5, ICE Project Number 629 ICE Folder Name: UNION CARBIDE Notes: Content Summary: Final report for investigation of spinel insulated substrates
Box 12 (Series 16)	Box 12, Folder 5, ICE Project Number 630 ICE Folder Name: UNION CARBIDE Notes: Content Summary: Final report for investigation of spinel insulated substrates
Box 12 (Series 16), Folder 6	Box 12, Folder 6, ICE Project Number 639 Notes: ICE Folder Name: HYBRID ICEMAP SEMINAR FOR MOTOROLA- DECEMBER 15-16, 1970
Box 12 (Series 16), Folder 7	Box 12, Folder 7, ICE Project Number 639D Notes: ICE Folder Name: MOTOROLA, INC. MOS MKT. STUDY, 1970
Box 12 (Series 16), Folder 8	Box 12, Folder 8, ICE Project Number 643C Notes: Content Summary: "Periodic report-Semiconductor & integrated circuit" late 1971-72
Box 12 (Series 16), Folder 9	Box 12, Folder 9, ICE Project Number 644 Notes: ICE Folder Name: 3M COMPANY (SEMINAR) P/Q #1348
Box 12 (Series 16), Folder 10	Box 12, Folder 10, ICE Project Number 647

	Notes:	Content Summary: Motorola-Hybrid program license agreement, 1971
Box 12 (Series 16), Folder 11	Box 12, Folder 11, ICE Project Number 651 Notes:	ICE Folder Name: 4-DAY ENGINEERING JANUARY 18-21 1-DAY LSI JAN. 22, 1971
Box 12 (Series 16), Folder 12	Box 12, Folder 12, ICE Project Number 652 Notes:	ICE Folder Name: UP-DATE (FINANCE AND TECHNICAL) SEMINAR- FEBRUARY 25-26, 1971
Box 12 (Series 16), Folder 13	Box 12, Folder 13, ICE Project Number 653 Notes:	ICE Folder Name: DESIGN & APPLICATION FEBRUARY 7-10 INDUSTRY STATUS FEBRUARY 11, 1972
Box 12 (Series 16), Folder 14	Box 12, Folder 14, ICE Project Number 656 Notes:	ICE Folder Name: FORD MOTOR CO. (RELIABLITIY STUDY) P/Q #1382, 1971
Box 12 (Series 16), Folder 15	Box 12, Folder 15, ICE Project Number 657 Notes:	ICE Folder Name: UNIVAC (UPDATING SEM.) P/Q #1369, 1970
Box 12 (Series 16), Folder 16	Box 12, Folder 16, ICE Project Number 660 Notes:	Content Summary: COM-DEV INC- Contracts, 1971
Box 12 (Series 16), Folder 17	Box 12, Folder 17, ICE Project Number 662 Notes:	Content Summary: Notes for meeting with Wilf Corrigan, 1972
Box 12 (Series 16), Folder 18	Box 12, Folder 18, ICE Project Number 665 Notes:	ICE Folder Name: MCGRAW HILL, 1971 Content Summary: Organic developer for A20 135OH
Box 12 (Series 16), Folder 19	Box 12, Folder 19, ICE Project Number 666 Notes:	ICE Folder Name: MOTORALA, INC. (SEMINAR) P/Q #1377, 1971
Box 12 (Series 16), Folder 20	Box 12, Folder 20, ICE Project Number 667 Notes:	ICE Folder Name: 4-DAY DESIGN & APPLICATION JUNE 7-10 1-DAY SEMI. MEMORIES JUNE 11, 1971
Box 12 (Series 16), Folder 21	Box 12, Folder 21, ICE Project Number 668 Notes:	ICE Folder Name: 4-DAY ENGINEERING SEPTEMBER 20-23 1-DAY STATUS OF INDUSTRY SEPTEMBER 24, 1971
Box 12 (Series 16), Folder 22	Box 12, Folder 22, ICE Project Number 669	

	ICE Folder Name: ITT SEMICONDUCTOR (YIELD IMPROVE.) P/Q #1378 Notes: Content Summary: Correspondence
Box 12 (Series 16), Folder 23	12, Folder 23, ICE Project Number 670S Notes: ICE Folder Name: FAIRCHILD MOS D & A SEMINAR MARCH 30-APRIL 2, 1971
Box 12 (Series 16), Folder 24	Box 12, Folder 24, ICE Project Number 671 Notes: ICE Folder Name: 4-DAY ENGINEERING APRIL 19-22 1-DAY MOS DESIGN APRIL 23, 1971
Box 12 (Series 16), Folder 25	Box 12, Folder 25, ICE Project Number 673 Notes: ICE Folder Name: HURRICANE CAR WASH (CIRCUITS) P/Q #1412, 1971
Box 12 (Series 16), Folder 26	ICE Project Number 675 Notes: ICE Folder Name: UNIDYNAMICS (ACQUISITION), 1971
Box 12 (Series 16), Folder 27	Box 12, Folder 27, ICE Project Number 676S Notes: ICE Folder Name: FAIRCHILD- MOS DESIGN AND APPLICATION MARCH 16-20, 1971
Box 12 (Series 16), Folder 28	Box 12, Folder 28, ICE Project Number 678 Notes: ICE Folder Name: NELC (FAB. SEMINAR) P/Q #1387, 1971
Box 12 (Series 16), Folder 29	Box 12, Folder 29, ICE Project Number 683 Notes: ICE Folder Name: ITT (NEW YORK) (SEMINAR), 1971
Box 12 (Series 16), Folder 30	Box 12, Folder 30, ICE Project Number 687 Notes: Content Summary: W.R. Girace & Co., 1971
Box 12 (Series 16), Folder 31	Box 12, Folder 31, ICE Project Number 699 Notes: ICE Folder Name: ITT, LAWRENCE, MASS. (4-LAYER DIODES), 1971
Box 12 (Series 16), Folder 32	Box 12, Folder 32, ICE Project Number 700 Notes: ICE Folder Name: INSELEK (ANNUAL CONSULTING) P/Q #1441 1971
Box 12 (Series 16), Folder 33	Box 12, Folder 33, ICE Project Number 700 Notes: ICE Folder Name: INSELEK P/Q #1441, 1972 Content Summary: Consulting
Box 12 (Series 16), Folder 34	Box 12, Folder 34, ICE Project Number 700 Notes: ICE Folder Name: INSELEK P/Q #1441, 1973

Box 13 (series 16),
Folder 1

Box 13, Folder 1, ICE Project Number 701a

ICE Folder Name: perkin elmer, 1971
Notes: Content Summary: Projection Mask aligner

Box 13 (series 16),
Folder 2

Box 13, Folder 2, ICE Project Number 701b

ICE Folder Name: perkin elmer, 1970
Notes: Content Summary: Projection Mask aligner

Box 13 (series 16),
Folder 3

Box 13, Folder 3, ICE Project Number 701c

ICE Folder Name: perkin elmer, 1969
Notes: Content Summary: Projection Mask aligner

Box 13 (series 16),
Folder 4

Box 13, Folder 4, ICE Project Number 701d

ICE Folder Name: perkin elmer, 1968
Notes: Content Summary: Micro projector

Box 13 (series 16),
Folder 5

Box 13, Folder 5, ICE Project Number 701e

ICE Folder Name: perkin elmer, 1972
Notes: Content Summary: Projection Mask aligner

Box 13 (series 16),
Folder 6

Box 13, Folder 6, ICE Project Number 701f

ICE Folder Name: perkin elmer, 1971
Notes: Content Summary: Projection Mask aligner

Box 14 (Series 16),
Folder 1

Box 14, Folder 1, ICE Project Number 702

ICE Folder Name: TEXAS INSTRUMENTS (CUSTUM CIRCUITS) P/Q
#1461, 1971
Notes: Content Summary: IC layout-design & service

Box 14 (Series 16),
Folder 1

Box 14, Folder 1, ICE Project Number 703

ICE Folder Name: TEXAS INSTRUMENTS (CUSTUM CIRCUITS) P/Q
#1461, 1971
Notes: Content Summary: IC layout-design & service

Box 14 (Series 16), Folder 2	Box 14, Folder 2, ICE Project Number 705 Notes: ICE Folder Name: COLLINS RADIO (FAILURE ANALYSIS) P/ Q #1459
Box 14 (Series 16), Folder 3	Box 14, Folder 3, ICE Project Number 708 ICE Folder Name: BUNKER-RAMO CORP. (VENDOR EVAL.) P/Q #1463, 1971 Notes: Content Summary: Logic design and positioning
Box 14 (Series 16), Folder 4	Box 14, Folder 4, ICE Project Number 709 ICE Folder Name: G.E., SYRACUSE (1-DAY STATUS REVIEW) P/Q #1458, 1971 Notes: Content Summary: Status of the integrated circuit industry- special review forge.
Box 14 (Series 16), Folder 5	Box 14, Folder 5, ICE Project Number 710 ICE Folder Name: DIETZGEN Notes: Content Summary: Electronic slide rule-cross reference 1996.0089.01
Box 14 (Series 16)	Box 14, Folder 5, ICE Project Number 711 ICE Folder Name: DIETZGEN Notes: Content Summary: Electronic slide rule-cross reference 1996.0089.01
Box 14 (Series 16)	Box 14, Folder 5, ICE Project Number 712 ICE Folder Name: DIETZGEN Notes: Content Summary: Electronic slide rule-cross reference 1996.0089.01
Box 14 (Series 16), Folder 6	Box 14, Folder 6, ICE Project Number 710 ICE Folder Name: DIETZGEN Notes: Content Summary: Electronic slide rule and "Is it digital or analog?"
Box 14 (Series 16)	Box 14, Folder 6, ICE Project Number 711 ICE Folder Name: DIETZGEN Notes: Content Summary: Electronic slide rule and "Is it digital or analog?"

Box 14 (Series 16),
Folder 6 Box 14, Folder 6, ICE Project Number 712

ICE Folder Name: DIETZGEN
Notes: Content Summary: Electronic slide rule and "Is it digital or analog?"

Box 14 (Series 16),
Folder 7 Box 14, Folder 7, ICE Project Number 710

ICE Folder Name: UNIDYNAMICS
Notes: Content Summary: Pocket calculator- concept- function- development- technical description-futures

Box 14 (Series 16) Box 14, Folder 7, ICE Project Number 711

ICE Folder Name: UNIDYNAMICS
Notes: Content Summary: Pocket calculator- concept- function- development- technical description-futures

Box 14 (Series 16) Box 14, Folder 7, ICE Project Number 712

ICE Folder Name: UNIDYNAMICS
Notes: Content Summary: Pocket calculator- concept- function- development- technical description-futures

Box 14 (Series 16),
Folder 8 Box 14, Folder 8, ICE Project Number 710

ICE Folder Name: DIETZGEN
Notes: Content Summary: Initiation of sales efforts for the electronic slide rule

Box 14 (Series 16) Box 14, Folder 8, ICE Project Number 711

ICE Folder Name: DIETZGEN
Notes: Content Summary: Initiation of sales efforts for the electronic slide rule

Box 14 (Series 16) Box 14, Folder 8, ICE Project Number 712

ICE Folder Name: DIETZGEN
Notes: Content Summary: Initiation of sales efforts for the electronic slide rule

Box 14 (Series 16),
Folder 9 Box 14, Folder 9, ICE Project Number 710

ICE Folder Name: DIETZGEN

	Notes: Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule
Box 14 (Series 16)	Box 14, Folder 9, ICE Project Number 711
	ICE Folder Name: DIETZGEN Notes: Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule
Box 14 (Series 16), Folder 9	Box 14, Folder 9, ICE Project Number 712
	ICE Folder Name: DIETZGEN Notes: Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule
Box 15 (Series 16), Folder 1	Box 15, Folder 1, ICE Project Number 714
	ICE Folder Name: SIGNETICS (LAYOUT) P/Q #1455, 1971 Notes: Content Summary: 7109 chip(s) 54H74's-Signetics ownership ATT Mask & artwork
Box 15 (Series 16), Folder 2	Box 15, Folder 2, ICE Project Number 715a
	ICE Folder Name: Integrated Technology Corporation Notes: Content Summary: ICE story and a "Diamond growing process"
Box 15 (Series 16), Folder 3	Box 15, Folder 3, ICE Project Number 715b
	ICE Folder Name: board of directors, 1972 Notes: Content Summary: Sale of ITC to Bowmar-merger
Box 15 (Series 16), Folder 4	Box 15, Folder 4, ICE Project Number 718a
	ICE Folder Name: centralab (FORD MOTOR COMPANY), 1971 Notes: Content Summary: Voltage regulators
Box 15 (Series 16), Folder 5	Box 15, Folder 5, ICE Project Number 718b
	ICE Folder Name: ford motor company, 1971 Notes: Content Summary: A comparison of potential failure modes of various IC voltage regulators

Box 15 (Series 16),
Folder 6

Box 15, Folder 6, ICE Project Number 720

ICE Folder Name: DATAPAK (MEMORY SYSTEM DEVELOP.) P/Q
#1481, 1971

Notes: Content Summary: Economics of establishing a BI-polar
integrated facility

Box 15 (Series 16),
Folder 7

Box 15, Folder 7, ICE Project Number 724

ICE Folder Name: NURDC TECHNICIAN- INTERMEDIATE PASADENA,
CAL. SEPTEMBER 20-22, 1971

Notes: Content Summary: Seminar/workshop

Box 15 (Series 16),
Folder 8

Box 15, Folder 8, ICE Project Number 726

ICE Folder Name: SEACO (FAILURE ANALYSIS) P/Q #1472, 1971

Notes: Content Summary: Process for soldering multi layer circuit
boards

Box 15 (Series 16),
Folder 9

Box 15, Folder 9, ICE Project Number 727

ICE Folder Name: NELC DESIGN & APPLICATIONS SAN DIEGO
SEPTEMBER 13-17, 1971

Notes: Content Summary: Seminar/workshop

Box 15 (Series 16),
Folder 10

Box 15, Folder 10, ICE Project Number 730

ICE Folder Name: DESIGN APPLICATION NOVEMBER 1-4, 1971 SEMI.
MEMORIES NOVEMBER 5, 1971

Notes: Content Summary: Seminar/workshop

Box 16 (Series 16),
Folder 1

Box 16, Folder 1, ICE Project Number 732

ICE Folder Name: International telephone and telegraph corporation,
1971

Notes: Content Summary: US Semiconductors and overview-
potential for West Palm Beach relocation

Box 16 (Series 16),
Folder 2

Box 16, Folder 2, ICE Project Number 732

ICE Folder Name: International telephone and telegraph corporation,
1971

	Notes:	Content Summary: US Semiconductors and overview non-censored
Box 16 (Series 16), Folder 3	Box 16, Folder 3, ICE Project Number 732	
	ICE Folder Name:	International telephone and telegraph corporation, 1971
	Notes:	Content Summary: Transistor analysis -Plan X- AMT reactor loop
Box 16 (Series 16), Folder 4	Box 16, Folder 4, ICE Project Number 732	
	ICE Folder Name:	International telephone and telegraph corporation, 1971
	Notes:	Content Summary: Background and review of the problem-ITT Semiconductor operation in West Palm Beach, Fl.
Box 16 (Series 16), Folder 5	Box 16, Folder 5, ICE Project Number 734	
	ICE Folder Name:	CENTRALAB (CHIPS) P/Q #1495, 1971
	Notes:	Content Summary: ... Quoting LITTL-I integrated circuit amplifier chips developed by ICE for use in OPTO-HYBRIDS
Box 16 (Series 16), Folder 6	Box 16, Folder 6, ICE Project Number 737	
	ICE Folder Name:	Cambridge research and development-PARTITIONING
	Notes:	Content Summary: Placing analog shift registers on MOS chip-balance on custom BI-Polar chip
Box 16 (Series 16), Folder 7	Box 16, Folder 7, ICE Project Number 738	
	ICE Folder Name:	Owens-Illinois, p/q #1517, 1971
	Notes:	Content Summary: Digivue® Display/memory unit (INCLUDES 713 & 716)
Box 16 (Series 16), Folder 8	Box 16, Folder 8, ICE Project Number 738	
	ICE Folder Name:	Owens-illinois, p/q #1517, 1971
	Notes:	Content Summary: Evaluation of alternate packaging methods-TASK II
Box 16 (Series 16), Folder 9	Box 16, Folder 9, ICE Project Number 740	
	Notes:	ICE Folder Name: INDUSTRY TECHNOLOGY APRIL 10-13 MANAGEMENT OF IC FACILITIES APRIL 14, 1972

Box 16 (Series 16),
Folder 10

Box 16, Folder 10, ICE Project Number 741

ICE Folder Name: INSELEK (CATV SYSTEMS), 1971
Notes: Content Summary: Cable TV- video- OP AMP- low cost
foreign assembly

Box 16 (Series 16),
Folder 11

Box 16, Folder 11, ICE Project Number 743a

ICE Folder Name: ITT, 1973
Notes: Content Summary: Study of 4 layer switching diodes for
telecommunication application

Box 16 (Series 16),
Folder 12

Box 16, Folder 12, ICE Project Number 743b

ICE Folder Name: ITT
Notes: Content Summary: Test box #3 condition on diode- 4 layer
switching diodes

Box 17 (Series 16),
Folder 1

Box 17, Folder 1, ICE Project Number 744

ICE Folder Name: GLOBE-UNION (VOLT. REGULATOR) P/Q #1482,
1970
Notes: Content Summary: Market opportunities program MOS
and memory, design program, -voltage regulator

Box 17 (Series 16),
Folder 2

Box 17, Folder 2, ICE Project Number 745

ICE Folder Name: ALLIED CONTROL (MARKET STUDY) P/Q #1520,
1971
Notes: Content Summary: Study of wafer technology

Box 17 (Series 16),
Folder 3

Box 17, Folder 3, ICE Project Number 746

ICE Folder Name: OWENS-ILLINOIS (DECODER DRIVER ARRAYS) P/
Q #1517, 1972
Notes: Content Summary: Thermal characteristics of beam
leaded chips-BI-polar vert. pulser circuit

Box 17 (Series 16),
Folder 3

Box 17, Folder 3, ICE Project Number 747

ICE Folder Name: OWENS-ILLINOIS (DECODER DRIVER ARRAYS) P/
Q #1517, 1972

Notes: Content Summary: Thermal characteristics of beam leaded chips- BI- polar vert. pulser circuit

Box 17 (Series 16),
Folder 4 Box 17, Folder 4, ICE Project Number 748

ICE Folder Name: FORD MOTOR CO. (DESIGN ANALYSIS) P/Q #1523,
1971

Notes: Content Summary: Electric choke thermostat assembly

Box 17 (Series 16),
Folder 5 Box 17, Folder 5, ICE Project Number 749C

ICE Folder Name: ITT SEMI. WORLDWIDE (ACQUISITION) P/Q #1521,
1972

Notes: Content Summary: A program to enter the MOS market

Box 17 (Series 16),
Folder 6 Box 17, Folder 6, ICE Project Number 750C

ICE Folder Name: LOCKHEED ELECTRONICS (FAILURE ANALYSIS) P/
Q #1524, 1972

Notes: Content Summary: Hybrid manufacturing process for
negative logic modules

Box 17 (Series 16),
Folder 7 Box 17, Folder 7, ICE Project Number 752

ICE Folder Name: owens-illinois technical center, 1973

Notes: Content Summary: Final report package reliability study

Box 17 (Series 16),
Folder 8 Box 17, Folder 8, ICE Project Number 753C

ICE Folder Name: LOCKHEED ELECTRONICS (PROCESS REVIEW),
1972

Notes: Content Summary: Negative logic modules

Box 17 (Series 16),
Folder 9 Box 17, Folder 9, ICE Project Number 755Ca

ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519,
1971

Notes: Content Summary: 5 digit numeric display physically
interchangeable with H- P's

Box 17 (Series 16),
Folder 10 Box 17, Folder 10, ICE Project Number 755Cb

ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519,
1972

Notes: Content Summary: Electronic calculator model 1681, digital display- comparison and review

Box 17 (Series 16),
Folder 11 Box 17, Folder 11, ICE Project Number 755Cc

ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519, 1972

Notes: Content Summary: A program to enter the LED market

Box 17 (Series 16),
Folder 12 Box 17, Folder 12, ICE Project Number 757
Notes: ICE Folder Name: DESIGN & APPLICATION FRO NELC IN:
SAN DIEGO JANUARY 31-FEBRUARY 4

Box 17 (Series 16),
Folder 13 Box 17, Folder 13, ICE Project Number 761

ICE Folder Name: WESTERN DIGITAL (TAPER SI. PROCESSING) P/Q #1531, 1972

Notes: Content Summary: Silicon gate processing technology

Box 17 (Series 16),
Folder 14 Box 17, Folder 14, ICE Project Number 762C

ICE Folder Name: HALLICRAFTERS COMPANY, 1972

Notes: Content Summary: Short study of requirements and problems of various system assembly approaches

Box 17 (Series 16),
Folder 15 Box 17, Folder 15, ICE Project Number 763

ICE Folder Name: MEMOREX CORPORATION, 1972

Notes: Content Summary: Plastic vs. ceramic packages

Box 17 (Series 16),
Folder 16 Box 17, Folder 16, ICE Project Number 764

ICE Folder Name: PLEXUS, INC., 1973

Notes: Content Summary: Sale of basic storage module program

Box 18 (Series 16),
Folder 1 Box 18, Folder 1, ICE Project Number 766

ICE Folder Name: G.S. GRUMMAN & ASSOCIATES, INC.

Notes: Content Summary: Presentation For G.S. Grumman & Associates, Inc.; March 21, 1972 "Forecasts For the Integrated circuit Business"

Box 18 (Series 16),
Folder 2 Box 18, Folder 2, ICE Project Number 768

ICE Folder Name: SpeedCall corporation, 1970

Notes: Content Summary: Report for Speedcall Corporation April 11, 1972 "Techniques of Tone detection Feasibility Study", P.O.#12557 (include: Speedcall's publication Models #R511, W511 & 514)

Box 18 (Series 16),
Folder 3

Box 18, Folder 3, ICE Project Number 771

ICE Folder Name: Chestel, inc. 1972

Notes: Content Summary: MOS partitioning (March 14, 1972 PNPs for breadboarding)

Box 18 (Series 16),
Folder 4

Box 18, Folder 4, ICE Project Number 772

ICE Folder Name: Fairchild (annual market consult.) P/q#1541, 1972

Notes: Content Summary: The semiconductor memory market

Box 18 (Series 16),
Folder 5

Box 18, Folder 5, ICE Project Number 773

ICE Folder Name: owens-illois task ix, 1972

Notes: Content Summary: Layout of horizontal driver

Box 18 (Series 16),
Folder 6

Box 18, Folder 6, ICE Project Number 778

ICE Folder Name: ITT

Notes: Content Summary: ICE Confidential April 3&4, 1972 New Business Resources, MOTOROLA/MOSTEC etc., Correspondence -- MOS Study, "Integrated Circuit Engineering Report A PROGRAM TO ENTER THE MOS MARKET"

Box 18 (Series 16),
Folder 7

Box 18, Folder 7, ICE Project Number 781

ICE Folder Name: TAft-peirce manufacturing company, 1972

Notes: Content Summary: A Survey on the Separation of Semiconductor Wafers, May 1972

Box 18 (Series 16),
Folder 8

Box 18, Folder 8, ICE Project Number 782

ICE Folder Name: ibm - manassas (seminar) P/Q#1539, 1972

Notes: Content Summary: Purchase order

Box 18 (Series 16),
Folder 9

Box 18, Folder 9, ICE Project Number 784

ICE Folder Name: Philip, appel, and walden

Notes: Content Summary: "Technological Evaluation of Spectronics present in optical electronics field", April 18, 1972

Box 18 (Series 16),
Folder 10

Box 18, Folder 10, ICE Project Number 791

ICE Folder Name: us navy-undersea R&D center technician Seminar

Notes: Content Summary: Sept. 28, 1972 include.: Certificates from ICE

Box 18 (Series 16),
Folder 11

Box 18, Folder 11, ICE Project Number 792

ICE Folder Name: Chestle

Notes: Content Summary: "AC v DC flip-flops", include.: expenses, overrides, prints, correspondence, opinions

Box 18 (Series 16),
Folder 12

Box 18, Folder 12, ICE Project Number 793

ICE Folder Name: delco electronics/grm trip folder 5/1/72

Notes: Content Summary: "A Study of N-Channel MOS As Applied To An Airborne Computer" May 1972

Box 18 (Series 16),
Folder 13

Box 18, Folder 13, ICE Project Number 794

ICE Folder Name: tempess industries, inc.

Notes: Content Summary: "The Market For Semiconductor Mask Aligning Equipment", May 1972

Box 18 (Series 16),
Folder 14

Box 18, Folder 14, ICE Project Number 795

ICE Folder Name: itt/creed & Co.; stl, ltd., 1972

Notes: Content Summary: Preliminary design for the receiver/reader and punch chip-Also includes: correspondence-Standard Telecommunication Laboratories, Ltd.

Box 18 (Series 16),
Folder 15

Box 18, Folder 15, ICE Project Number 796

ICE Folder Name: speedcall proj.796

Notes: Content Summary: Bread boarding one row, one column of a touch tone receiver utilizing "mixer scheme", 1972

Box 18 (Series 16),
Folder 16

Box 18, Folder 16, ICE Project Number 799

ICE Folder Name: allen-bradley company
Notes: Content Summary: "An Assessment on MOS Technology, Inc." June 1972

Box 18 (Series 16),
Folder 17

Box 18, Folder 17, ICE Project Number 802

ICE Folder Name: cermetek, Inc. chip processing p/q#1561
Notes: Content Summary: Investigation of Qualidyne using Cermetek's 1150, 52, 60, and 62 MASKS

Box 18 (Series 16)

Box 18, Folder 17, ICE Project Number 803

ICE Folder Name: cermetek, Inc. chip processing p/q#1561
Notes: Content Summary: Investigation of Qualidyne using Cermetek's 1150, 52, 60, and 62 MASKS

Box 18 (Series 16)

Box 18, Folder 17, ICE Project Number 804

ICE Folder Name: cermetek, Inc. chip processing p/q#1561
Notes: Content Summary: Investigation of Qualidyne using Cermetek's 1150, 52, 60, and 62 MASKS

Box 18 (Series 16)

Box 18, Folder 17, ICE Project Number 805

ICE Folder Name: cermetek, Inc. chip processing p/q#1561
Notes: Content Summary: Investigation of Qualidyne using Cermetek's 1150, 52, 60, and 62 MASKS

Box 18 (Series 16),
Folder 18

Box 18, Folder 18, ICE Project Number 807

ICE Folder Name: itt (england) p/q#1551, (mos/lsi chip development), 1972
Notes: Content Summary: A23 LSI project-simulation program at ICE Phoenix

Box 18 (Series 16),
Folder 19

Box 18, Folder 19, ICE Project Number 808

ICE Folder Name: custom lsi, rca
Notes: Content Summary: "Approaches to Bipolar Custom LSI 1972

Box 19 (Series 16),
Folder 1

Box 19, Folder 1, ICE Project Number 813

ICE Folder Name: primary medical communications

	Notes:	Content Summary: Includes: dialog on voltage controlled analog delay line, making a single chip 5u sec delay line w/2.5MHz bandwidth., 1972
Box 19 (Series 16), Folder 2	Box 19, Folder 2, ICE Project Number 814	
	ICE Folder Name: motorola, spd (tech. review) p/q#1560 Notes:	Content Summary: "Review of Silicon Gate Processing Technology", Feb. 1972
Box 19 (Series 16), Folder 3	Box 19, Folder 3, ICE Project Number 815	
	ICE Folder Name: honeywell, 1972 Notes:	Content Summary: Presentation material CMOS, LSI, radar- various presentations
Box 19 (Series 16), Folder 4	Box 19, Folder 4, ICE Project Number 816	
	ICE Folder Name: automatic electric laboratories, 1972 Notes:	Content Summary: Future trends for large semiconductor memory arrays
Box 19 (Series 16), Folder 5	Box 19, Folder 5, ICE Project Number 823	
	ICE Folder Name: rf transistor Notes:	Content Summary: John Azlant- Qualidyne file letter and RF Power, Inc.-"RF Power, Inc. Investment proposal", August 1972
Box 19 (Series 16), Folder 6	Box 19, Folder 6, ICE Project Number 824	
	ICE Folder Name: i.s.t. Notes:	Content Summary: Specifications 131 Kilobyte Expandable Basic Storage Module With Error Correction, 28 August 1972
Box 19 (Series 16), Folder 7	Box 19, Folder 7, ICE Project Number 826	
	ICE Folder Name: western digital corporation Notes:	Content Summary: A review of Silicon Gate processing Technology, Feb 1972
Box 19 (Series 16), Folder 8	Box 19, Folder 8, ICE Project Number 830	

ICE Folder Name: hif (phoenix) (mos Supplier survey) p/q#1565, 1972
Notes: Content Summary: Prepared for Honeywell: MOS and BI-Polar

Box 19 (Series 16),
Folder 9

Box 19, Folder 9, ICE Project Number 844

ICE Folder Name: honeywell
Notes: Content Summary: Audit of the IMUEE program and a review of Hybrid IC Facility, October 13, 1972

Box 19 (Series 16),
Folder 10

Box 19, Folder 10, ICE Project Number 847

ICE Folder Name: north Electric company
Notes: Content Summary: Subject: Tri Tac, J-FET Crosspoint Switch Evaluation, 1972

Box 19 (Series 16),
Folder 11

Box 19, Folder 11, ICE Project Number 8xx

ICE Folder Name: itt, ignition system
Notes: Content Summary: Task Force VIII-study of electronic ignition systems

Box 19 (Series 16),
Folder 12

Box 19, Folder 12, ICE Project Number 851C

ICE Folder Name: dickson EElectronics
Notes: Content Summary: Customer supplied photomasks, to determine the overall quality of the photomasks and probable causes and solutions to any defects, 1972-73

Box 19 (Series 16),
Folder 13

Box 19, Folder 13, ICE Project Number 853

ICE Folder Name: allen-bradley (mos tech. consulting) p/q#1600
Notes: Content Summary: Study for the potential for the calculator market

Box 19 (Series 16),
Folder 14

Box 19, Folder 14, ICE Project Number 858

ICE Folder Name: general electric, 1973
Notes: Content Summary: A study on integrated circuits-noted: HP successfully exploited in 8 years monolithic integrated circuits

Box 19 (Series 16),
Folder 15

Box 19, Folder 15, ICE Project Number 859

Notes: ICE Folder Name: reliance electric (annual consulting) p/q#1589 Custom LSI prog. review, 1973

Box 19 (Series 16),
Folder 16

Box 19, Folder 16, ICE Project Number 860
Notes: ICE Folder Name: fleet missile systems (seminar) Jan. 12, 1973, p/q#1594

Box 20 (Series 16),
Folder 1

Box 20, Folder 1, ICE Project Number 862

ICE Folder Name: itt Semiconductors, 1973
Notes: Content Summary: Review of light [sic] limiting diode market, re: Zener, bipolar memory

Box 20 (Series 16),
Folder 2

Box 20, Folder 2, ICE Project Number 863a

ICE Folder Name: itt Electron tube division, erie
Notes: Content Summary: Report(case no. 6320) on electron beam semiconductor IR&U program

Box 20 (Series 16),
Folder 3

Box 20, Folder 3, ICE Project Number 863b

ICE Folder Name: itt electron tube division
Notes: Content Summary: Power sources for microwave ovens

Box 20 (Series 16),
Folder 4

Box 20, Folder 4, ICE Project Number 864

ICE Folder Name: honeywell aerospace and defense group (agena Rocket) (Guidance system), 1973
Notes: Content Summary: Failure of 930 DTL integrated circuits manufacturing by Raytheon date code:6496

Box 20 (Series 16),
Folder 5

Box 20, Folder 5, ICE Project Number 865

ICE Folder Name: antex
Notes: Content Summary: Investigation of processing MD-1001-B MASKS

Box 20 (Series 16),
Folder 6

Box 20, Folder 6, ICE Project Number 866

ICE Folder Name: itt creed, 1973
Notes: Content Summary: A23 teleprinter-MOS circuits-catastrophic metal spacing in rubylith

Box 20 (Series 16),
Folder 7

Box 20, Folder 7, ICE Project Number 867

Notes: ICE Folder Name: ICE Evaluation of general semiconductor industries, 1973

Box 20 (Series 16),
Folder 8 Box 20, Folder 8, ICE Project Number 868a

ICE Folder Name: mos technologies display driver circuits, 1973
Notes: Content Summary: Sharp Calculator, EL-805

Box 20 (Series 16),
Folder 9 Box 20, Folder 9, ICE Project Number 868b
Notes: ICE Folder Name: ice world wide market for pocket calculators/
desk top calculators, 1973

Box 20 (Series 16),
Folder 10 Box 20, Folder 10, ICE Project Number 868c
Notes: ICE Folder Name: ice world wide market for pocket calculators/
desk top calculators, 1973

Box 20 (Series 16),
Folder 11 Box 20, Folder 11, ICE Project Number 870
Notes: ICE Folder Name: proposal to motorola to establish a new mos
processing facility, 1973

Box 20 (Series 16),
Folder 12 Box 20, Folder 12, ICE Project Number 872
Notes: ICE Folder Name: bowmar panaplex, 1973

Box 20 (Series 16),
Folder 13 Box 20, Folder 13, ICE Project Number 873

ICE Folder Name: nrmecc/870
Notes: Content Summary: Discussions on the ELECTRONIC
SLIDE RULE

Box 20 (Series 16),
Folder 14 Box 20, Folder 14, ICE Project Number 878

ICE Folder Name: bowman seminar, 1973
Notes: Content Summary: attendees

Box 20 (Series 16),
Folder 15 Box 20, Folder 15, ICE Project Number 880
Notes: ICE Folder Name: integrated circuit packaging, technology
market assesment, 1973

Box 20 (Series 16),
Folder 16 Box 20, Folder 16, ICE Project Number 881
Notes: ICE Folder Name: collins radio (mos seminar) p/q#1617, 1973

Box 21 (Series 16),
Folder 1 Box 21, Folder 1, ICE Project Number 882a

ICE Folder Name: itt analysis of various automotive systems, 1973
Notes: Content Summary: Monolithic four layer diode,
correspondence.

Box 21 (Series 16),
Folder 2

Box 21, Folder 2, ICE Project Number 882b

ICE Folder Name: acquisition study for automotive electronic skills, 1973
Notes: Content Summary: Includes Dun & Bradstreet business reports

Box 21 (Series 16),
Folder 3

Box 21, Folder 3, ICE Project Number 882c

ICE Folder Name: appendix I, dun&breadstreet reports, 1973
Notes: Content Summary: In-depth \$ to bio sketches

Box 21 (Series 16),
Folder 4

Box 21, Folder 4, ICE Project Number 882d

ICE Folder Name: appendix iii literature, 1973
Notes: Content Summary: Guide to automotive tune up & service equipment

Box 21 (Series 16),
Folder 5

Box 21, Folder 5, ICE Project Number 882e

ICE Folder Name: correspondance, 1973
Notes: Content Summary: Merger & Control of Western Controls by ITT

Box 21 (Series 16),
Folder 6

Box 21, Folder 6, ICE Project Number 883

ICE Folder Name: northern electric, 1973
Notes: Content Summary: Cross-point switch program RADDC (Rome Air Development Center)

Box 21 (Series 16),
Folder 7

Box 21, Folder 7, ICE Project Number 886

ICE Folder Name: p/q#1622 reliance electric, 1973
Notes: Content Summary: MOS Training

Box 21 (Series 16),
Folder 8

Box 21, Folder 8, ICE Project Number 888a

ICE Folder Name: fleet missile, 1973
Notes: Content Summary: FBM Integrated Circuit Processing Indoctrination & Evaluation

Box 21 (Series 16),
Folder 9

Box 21, Folder 9, ICE Project Number 888b

ICE Folder Name: fleet missile systems, 1973

Notes: Content Summary: Navy Corona Manual, microcircuit probes-DIP feeder

Box 21 (Series 16),
Folder 10

Box 21, Folder 10, ICE Project Number 890

ICE Folder Name: bowmar, 1973

Notes: Content Summary: Direct drive chip utilizing a on- chip PNP transistor - MOS development

Box 21 (Series 16),
Folder 11

Box 21, Folder 11, ICE Project Number 894D

ICE Folder Name: bowmar, 1973

Notes: Content Summary: IFD segment driver

Box 21 (Series 16),
Folder 12

Box 21, Folder 12, ICE Project Number 895D

ICE Folder Name: bowmar, 1973

Notes: Content Summary: IFD 5020 segment driver

Box 21 (Series 16),
Folder 13

Box 21, Folder 13, ICE Project Number 898

ICE Folder Name: Ic technology, 1973

Notes: Content Summary: Attendees

Box 21 (Series 16),
Folder 14

Box 21, Folder 14, ICE Project Number 899C

ICE Folder Name: Mos evaluation, 1973

Notes: Content Summary:

Box 21 (Series 16),
Folder 15

Box 21, Folder 15, ICE Project Number 902

ICE Folder Name: bowmar seminar, 1973

Notes: Content Summary: TECHNOVATION's invention patent #3,728,694 - memory

Box 21 (Series 16),
Folder 16

Box 21, Folder 16, ICE Project Number 903

ICE Folder Name: trw, 1973

Notes: Content Summary: Rubylith for 7493, 74123, 74180, 74152, 7489, etc.

Box 21 (Series 16),
Folder 17

Box 21, Folder 17, ICE Project Number 904

ICE Folder Name: xerox consulting p/q#1632
Notes: Content Summary: A review of PROM Requirements for the TAURUS COMPUTER (LSI chip (a PROM) and the alternative strategies developed to overcome problems)

Box 22 (Series 16),
Folder 1

Box 22, Folder 1, ICE Project Number 906a

ICE Folder Name: prospectus & reports, 1972
Notes: Content Summary: Prospectus for MOS technology

Box 22 (Series 16),
Folder 2

Box 22, Folder 2, ICE Project Number 906b

ICE Folder Name: prospectus & Reports, 1973
Notes: Content Summary: Correspondence

Box 22 (Series 16),
Folder 3

Box 22, Folder 3, ICE Project Number 907a

ICE Folder Name: status 74, 1974
Notes: Content Summary: Status 1973 Report

Box 22 (Series 16),
Folder 4

Box 22, Folder 4, ICE Project Number 907b

ICE Folder Name: status 74, 1973
Notes: Content Summary: The integrated circuit business picture

Box 22 (Series 16),
Folder 5

Box 22, Folder 5, ICE Project Number 907c

ICE Folder Name: status 74, 1974
Notes: Content Summary: Status of integrated circuits 1970

Box 22 (Series 16),
Folder 5

Box 22, Folder 5, ICE Project Number 907c

ICE Folder Name: status 74, 1974
Notes: Content Summary: Status of integrated circuits 1970

Box 22 (Series 16),
Folder 6

Box 22, Folder 6, ICE Project Number 907d

ICE Folder Name: status 74, 1974
Notes: Content Summary: Status of integrated circuits midyear 1971

Box 22 (Series 16),
Folder 7

Box 22, Folder 7, ICE Project Number 907e

ICE Folder Name: status 74, 1974

Notes: Content Summary: Good outlook for the 1974 year for circuit industry

Box 22 (Series 16),
Folder 8

Box 22, Folder 8, ICE Project Number 908

ICE Folder Name: Collins Radio- Annual consulting p/q #1628, 1974

Notes: Content Summary: CMOS SOS-1024 bit RAM

Box 22 (Series 16),
Folder 9

Box 22, Folder 9, ICE Project Number 909

ICE Folder Name: ITT/Nutley-MOS SEminar, 1973

Notes: Content Summary: Custom MOS design program

Box 22 (Series 16)

Box 22, Folder 9, ICE Project Number 910

ICE Folder Name: ITT/Nutley-MOS SEminar, 1973

Notes: Content Summary: Custom MOS design program

Box 22 (Series 16),
Folder 10

Box 22, Folder 10, ICE Project Number 911

ICE Folder Name: Magnavox-custom lsi torrance, Ca pq #1658, 1973

Notes: Content Summary: Visit to Magnavox research lab-do it yourself LSI chip

Box 22 (Series 16),
Folder 11

Box 22, Folder 11, ICE Project Number 914

ICE Folder Name: stanford memories p/q #1650, 1973

Notes: Content Summary: Outline for 1 week class seminar for RAM

Box 22 (Series 16)

Box 22, Folder 11, ICE Project Number 921

ICE Folder Name: stanford memories p/q #1650, 1973

Notes: Content Summary: Outline for 1 week class seminar for RAM

Box 22 (Series 16)

Box 22, Folder 12, ICE Project Number 915

ICE Folder Name: trw p/q #1646, 1973

Notes: Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 (Series 16),
Folder 12

Box 22, Folder 12, ICE Project Number 916

ICE Folder Name: trw p/q #1646, 1973

Notes: Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 (Series 16)

Box 22, Folder 12, ICE Project Number 917

ICE Folder Name: trw p/q #1646, 1973

Notes: Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 (Series 16),
Folder 12

Box 22, Folder 12, ICE Project Number 924

ICE Folder Name: trw p/q #1646, 1973

Notes: Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 (Series 16)

Box 22, Folder 12, ICE Project Number 930

ICE Folder Name: trw p/q #1646, 1973

Notes: Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 (Series 16)

Box 22, Folder 12, ICE Project Number 931

ICE Folder Name: trw p/q #1646, 1973

Notes: Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 (Series 16),
Folder 13

Box 22, Folder 13, ICE Project Number 928

ICE Folder Name: xerox, 1973

Notes: Content Summary: Emphasis- LSI microelectronics

Box 22 (Series 16)

Box 22, Folder 14, ICE Project Number 929

ICE Folder Name: Naval Electronics Laboratory center, 1973

Notes: Content Summary: Technical briefing on the commercial telecommunications industry

Box 23 (Series 16),
Folder 1

Box 23, Folder 1, ICE Project Number 936

ICE Folder Name: HALlicrafters Co., 1974

Notes: Content Summary: Collins LSI-Process & MASK changes

Box 23 (Series 16),
Folder 2

Box 23, Folder 2, ICE Project Number 939

ICE Folder Name: itt, 1973

Notes: Content Summary: Consulting on the 1103- 1024- Bit RAM

Box 23 (Series 16),
Folder 3

Box 23, Folder 3, ICE Project Number 941

ICE Folder Name: itt/teves

Notes: Content Summary: Anti skid MOS

Box 23 (Series 16),
Folder 4

Box 23, Folder 4, ICE Project Number 943(?)a

ICE Folder Name: rauscher pierce (Mr. paul hogan), 1979

Notes: Content Summary: Release of all corporate notes, work papers, of ICE's investigation of Electronic Arrays, Inc.

Box 23 (Series 16),
Folder 5

Box 23, Folder 5, ICE Project Number 943b

ICE Folder Name: rauscher-pierce, 1974

Notes: Content Summary: A report on electronic arrays, History of Calculator "Micro-Compet"

Box 23 (Series 16),
Folder 6

Box 23, Folder 6, ICE Project Number 947

ICE Folder Name: Bowmar, 1974

Notes: Content Summary: Thin film Tungsten Matrix display, video display using Sinclair tester and Bowmar tube, electronic lock

Box 23 (Series 16),
Folder 7

Box 23, Folder 7, ICE Project Number 949

ICE Folder Name: report on task xii, 1973

Notes: Content Summary: National Semiconductor with Owens-Texas Instruments high voltage driver circuits

Box 23 (Series 16),
Folder 8

Box 23, Folder 8, ICE Project Number 950

ICE Folder Name: itt semiconductors

Notes: Content Summary: 1103 investigation correspondence

Box 23 (Series 16),
Folder 9

Box 23, Folder 9, ICE Project Number 951

ICE Folder Name: tech seminar iii- troubleshooting

Notes: Content Summary: Solid state circuits, class schedule & attendance list

Box 23 (Series 16),
Folder 10

Box 23, Folder 10, ICE Project Number 952

ICE Folder Name: itt ny skid control p/q #1662, 1973

Notes: Content Summary: Proposal for anti-skid II CMOS

Box 23 (Series 16),
Folder 11

Box 23, Folder 11, ICE Project Number 955a

ICE Folder Name: control data, 1973

Notes: Content Summary: Review of a joint manufacturing project

Box 23 (Series 16),
Folder 12

Box 23, Folder 12, ICE Project Number 955b

ICE Folder Name: control data, 1973

Notes: Content Summary: Joint semiconductor manufacturing project

Box 23 (Series 16),
Folder 13

Box 23, Folder 13, ICE Project Number 955c

ICE Folder Name: control data, 1973

Notes: Content Summary: Correspondence

Box 23 (Series 16),
Folder 14

Box 23, Folder 14, ICE Project Number 955d

ICE Folder Name: control data p/q #1653, 1973

Notes: Content Summary: Critique on business plan, multinational semiconductor company

Box 23 (Series 16),
Folder 15

Box 23, Folder 15, ICE Project Number 957

ICE Folder Name: ITT, NY-CAse 10,115 P/q #1673. 1973

Notes: Content Summary: Consulting-automotive task force VIII

Box 23 (Series 16),
Folder 16

Box 23, Folder 16, ICE Project Number 958

ICE Folder Name: purchasing seminar-scm p/q #1676, 1973

Notes: Content Summary: Purchasing of LSI memory circuits

Box 23 (Series 16),
Folder 17

Box 23, Folder 17, ICE Project Number 959

	Notes: ICE Folder Name: lyon & lyon reverse engineering of intel 2816, 1981
Box 23 (Series 16), Folder 18	Box 23, Folder 18, ICE Project Number 960 Notes: ICE Folder Name: basic technology seminar, 1973
Box 23 (Series 16), Folder 19	Box 23, Folder 19, ICE Project Number 961 ICE Folder Name: itt-new york p/q #1674, 1974 Notes: Content Summary: MOS production line bids- including MASKS
Box 23 (Series 16), Folder 20	Box 23, Folder 20, ICE Project Number 963 ICE Folder Name: amkor, 1974 Notes: Content Summary: Business plan for a silicon wafer processing joint venture to manufacture & market integrated circuits
Box 24 (Series 16), Folder 1	Box 24, Folder 1, ICE Project Number 964 ICE Folder Name: dow corning corp.-i/c packaging p/q #1677, 1975 Notes: Content Summary: Financial records re: ICE
Box 24 (Series 16), Folder 2	Box 24, Folder 2, ICE Project Number 965 ICE Folder Name: itt footscray, 1974 Notes: Content Summary: Aluminum etch process for monolithic silicon IC's
Box 24 (Series 16), Folder 3	Box 24, Folder 3, ICE Project Number 966 Notes: Content Summary: Technology textbook published by ICE, 1975
Box 24 (Series 16), Folder 4	Box 24, Folder 4, ICE Project Number 967 ICE Folder Name: ic technology-singer, Ny p/q #1681, 1974 Notes: Content Summary: IC task force preliminary conclusions
Box 24 (Series 16), Folder 5	Box 24, Folder 5, ICE Project Number 968 Notes: Content Summary: Agreement for annual consultant services between Microsemiconductors Inc. and ICE, 1974
Box 24 (Series 16), Folder 6	Box 24, Folder 6, ICE Project Number 970

	Notes: Content Summary: Radio frequency susceptibility investigation study- Naval Electronics Laboratory Center D.I.D.
Box 24 (Series 16), Folder 7	Box 24, Folder 7, ICE Project Number 971
	ICE Folder Name: north electric Company p/q #1670, 1974 Notes: Content Summary: Purchase order and correspondence
Box 24 (Series 16), Folder 8	Box 24, Folder 8, ICE Project Number 972
	ICE Folder Name: eastman kodak company-spec. seminar p/q #1668A, 1974 Notes: Content Summary: Preliminary impressions of semiconductor
Box 24 (Series 16), Folder 9	Box 24, Folder 9, ICE Project Number 974
	ICE Folder Name: trw, 1974 Notes: Content Summary: Voltage test information for wafers Z-74180 & Z-74151
Box 24 (Series 16), Folder 10	Box 24, Folder 10, ICE Project Number 975a
	ICE Folder Name: navy-fusible link rom's, 1974 Notes: Content Summary: Reliability of fusible link programmable read - only memory
Box 24 (Series 16), Folder 11	Box 24, Folder 11, ICE Project Number 975b Notes: ICE Folder Name: fleet missile systems fusible link proms p/q #1690, 1974
Box 24 (Series 16), Folder 12	Box 24, Folder 12, ICE Project Number 975c
	ICE Folder Name: navy-fusible link prom's p/q #1690 Notes: Content Summary: Invoices from Arrowhead press for printing guide manual III
Box 24 (Series 16), Folder 13	Box 24, Folder 13, ICE Project Number 976a
	ICE Folder Name: NEC, 1974 Notes: Content Summary: Control & detection network - circuit prints (originals)

Box 24 (Series 16),
Folder 14

Box 24, Folder 14, ICE Project Number 976b

ICE Folder Name: nec, 1974

Notes: Content Summary: Cross point transistors - junction field effect J-FETS

Box 24 (Series 16),
Folder 15

Box 24, Folder 15, ICE Project Number 977a

ICE Folder Name: Louay sharif mos co. north american rockwell corporation p/q #1695, 1973

Notes: Content Summary: Five year plan for microelectronics 1969-1973

Box 25 (Series 16),
Folder 1

Box 25, Folder 1, ICE Project Number 977b

ICE Folder Name: new business plan, 1974

Notes: Content Summary: MOS plan-manufacturing

Box 25 (Series 16),
Folder 2

Box 25, Folder 2, ICE Project Number 977c

ICE Folder Name: louay sharif cmos aquisition, 1974

Notes: Content Summary: Correspondence

Box 25 (Series 16),
Folder 3

Box 25, Folder 3, ICE Project Number 978

ICE Folder Name: open bt seminar, 1974

Notes: Content Summary: Engineering technology-seminar attendees

Box 25 (Series 16),
Folder 4

Box 25, Folder 4, ICE Project Number 979a

ICE Folder Name: 1103 update, 1973

Notes: Content Summary: Report 7356 818-1 #216872 Product Analysis - MOS fully loaded random access 1024 bit dynamic memory circuits from (ICE) manufacturers

Box 25 (Series 16),
Folder 5

Box 25, Folder 5, ICE Project Number 979b

ICE Folder Name: 1103 update, 1972

Notes: Content Summary: A survey of MOS supplies-special report for Honeywell Information Systems, Inc.

Box 25 (Series 16),
Folder 6

Box 25, Folder 6, ICE Project Number 979c

ICE Folder Name: 1103 update, 1968

Notes: Content Summary: A report for ICE in thick oxide MOS processing

Box 25 (Series 16),
Folder 7

Box 25, Folder 7, ICE Project Number 979d

ICE Folder Name: 1103 update, 1972

Notes: Content Summary: Technical articles

Box 25 (Series 16),
Folder 8

Box 25, Folder 8, ICE Project Number 979e

ICE Folder Name: 1103 update & 1103-1 proposal, 1974

Notes: Content Summary: Process notes and submaster MASK with possible troubleshooting

Box 25 (Series 16),
Folder 9

Box 25, Folder 9, ICE Project Number 979f

ICE Folder Name: 1103 update, 1972

Notes: Content Summary: Surface State charge enhancement and control in P- Channel MOS devices

Box 25 (Series 16),
Folder 10

Box 25, Folder 10, ICE Project Number 979g

ICE Folder Name: 1103 update, 1974

Notes: Content Summary: Offer of product analysis on the 1103, optimized silicon gate process for borroughs

Box 25 (Series 16),
Folder 11

Box 25, Folder 11, ICE Project Number 980a

Notes: ICE Folder Name: stewart warner ttl processing notes p/q# 1700, 1969

Box 25 (Series 16),
Folder 12

Box 25, Folder 12, ICE Project Number 980b

ICE Folder Name: stewart-warner, 1974

Notes: Content Summary: Correspondence - High yield- low voltage c/MOS process

Box 25 (Series 16),
Folder 13

Box 25, Folder 13, ICE Project Number 981

ICE Folder Name: Bowmar, 1974

Notes: Content Summary: Correspondence

Box 25 (Series 16),
Folder 14

Box 25, Folder 14, ICE Project Number 982

ICE Folder Name: Eastman kodak, 1974
Notes: Content Summary: LSI Custom Design Program Contract
(Vendor Order #991)

Box 25 (Series 16),
Folder 15

Box 25, Folder 15, ICE Project Number 983a

ICE Folder Name: kanematsu Semiconductors, 1974
Notes: Content Summary: Intel Dual 100 BIT Dynamic shift
register & photograph layers, 1103 Intel

Box 26 (Series 16),
Folder 1

Box 26, Folder 1, ICE Project Number 983

ICE Folder Name: kanematsu, 1974
Notes: Content Summary: 1103-1024 BIT PMOS RAM
correspondence, Intel research

Box 26 (Series 16),
Folder 2

Box 26, Folder 2, ICE Project Number 984

ICE Folder Name: electro corp, 1974
Notes: Content Summary: Transducer Circuit Analysis,

Box 26 (Series 16),
Folder 3

Box 26, Folder 3, ICE Project Number 985a

ICE Folder Name: king radio corporation, 1974
Notes: Content Summary: A custom MOS design

Box 26 (Series 16),
Folder 4

Box 26, Folder 4, ICE Project Number 985b

ICE Folder Name: king radio corporation, 1974
Notes: Content Summary: Custom MOS design - American
Microsystems

Box 26 (Series 16),
Folder 5

Box 26, Folder 5, ICE Project Number 986

ICE Folder Name: Philco ford, P/q# 1711, 1974
Notes: Content Summary: Consulting on CMOS failure mode

Box 26 (Series 16),
Folder 6

Box 26, Folder 6, ICE Project Number 987a
Notes: Content Summary: A development of LSI PMOS silicon gate
circuits for the ADM - for Magnavox, 1974

Box 26 (Series 16), Folder 7	Box 26, Folder 7, ICE Project Number 987b Notes: ICE Folder Name: Agreement for consulting services - Magnavox, 1974
Box 26 (Series 16), Folder 8	Box 26, Folder 8, ICE Project Number 987c Notes: Content Summary: Magnavox - 8 drawings of chip layout & work contracts
Box 26 (Series 16), Folder 9	Box 26, Folder 9, ICE Project Number 988 ICE Folder Name: quantrad, 1974 Notes: Content Summary: ICE consulting services agreement
Box 27 (Series 16), Folder 1	Box 27, Folder 1, ICE Project Number 989a ICE Folder Name: MARTin-marietta, 1974 Notes: Content Summary: Agreement for consulting services
Box 27 (Series 16), Folder 2	Box 27, Folder 2, ICE Project Number 989b ICE Folder Name: Martin-marietta, 1974 Notes: Content Summary: Contamination Control In Hybrid Microelectronic Modules
Box 27 (Series 16)	Box 27, Folder 3, ICE Project Number 989c ICE Folder Name: martin-marietta, 1972 Notes: Content Summary: Microelectronics Product Assurance Program
Box 27 (Series 16), Folder 4	Box 27, Folder 4, ICE Project Number 989d ICE Folder Name: martin-marietta, 1974 Notes: Content Summary: Evaluation of Martin-Marietta's Microelectronics Activities
Box 27 (Series 16), Folder 5	Box 27, Folder 5, ICE Project Number 989e ICE Folder Name: martin-marietta, 1974 Notes: Content Summary: Detailed listing of Companies offering services in the microelectronics field
Box 27 (Series 16), Folder 6	Box 27, Folder 6, ICE Project Number 989f

ICE Folder Name: martin-marietta, 1974

Notes: Content Summary: Contract for custom linear integrated circuit - to be called: LSI Guidance Processor

Box 27 (Series 16),
Folder 7

Box 27, Folder 7, ICE Project Number 989g

ICE Folder Name: martin-marietta, 1974

Notes: Content Summary: Schematic: Decoder - Flight Sequencer

Box 27 (Series 16),
Folder 8

Box 27, Folder 8, ICE Project Number 989h

ICE Folder Name: martin-marietta, 1960's

Notes: Content Summary: Time-line - 1600 to 1960 and IFD Frequency devices - and a hand sketch design butcher paper

Box 27 (Series 16),
Folder 9

Box 27, Folder 9, ICE Project Number 989i

ICE Folder Name: martin-marietta, 1974

Notes: Content Summary: The file on Microelectronics Activities - in depth

Box 27 (Series 16),
Folder 10

Box 27, Folder 10, ICE Project Number 989* attachment

ICE Folder Name: us navy - fleet missile systems analysis & evaluation grp, 1974

Notes: Content Summary: Task I, II, III nomenclature for the industry - "GIDEP" (*Note: No Project file # found)

Box 27 (Series 16),
Folder 11

Box 27, Folder 11, ICE Project Number 990a

Notes: Content Summary: Suggested coding procedures for the semiconductor category of the GIDEP coding index - special report, 1975

Box 27 (Series 16),
Folder 12

Box 27, Folder 12, ICE Project Number 990b

Notes: Content Summary: GIDEP Descriptor list review & semiconductor coding approach for Dynallectron Corp., 1975

Box 27 (Series 16),
Folder 13

Box 27, Folder 13, ICE Project Number 990c

Notes: Content Summary: GIDEP Descriptor list review & semiconductor coding approach for Dynallectron Corp., 1975

Box 27 (Series 16),
Folder 14

Box 27, Folder 14, ICE Project Number 990d

Notes: Content Summary: Guide descriptor list review & semiconductor coding approach for Dynallectron Corp., 1975

Box 28 (Series 16), Folder 1	Box 28, Folder 1, ICE Project Number 990e Notes: Content Summary: Guide descriptor list review & semiconductor coding approach for Dynallectron Corp., 1975
Box 28 (Series 16), Folder 2	Box 28, Folder 2, ICE Project Number 991a ICE Folder Name: eastman kodak, 1974 Notes: Content Summary: Specifications for motor speed control circuit, (MSC-1)
Box 28 (Series 16), Folder 3	Box 28, Folder 3, ICE Project Number 991b Notes: ICE Folder Name: eastman kodak - Custom lsi design p/q#1692a, 1974
Box 28 (Series 16), Folder 4	Box 28, Folder 4, ICE Project Number 991c ICE Folder Name: eastman kodak p/q#1692a, 1974 Notes: Content Summary: Custom LSI design program - Revised
Box 28 (Series 16), Folder 5	Box 28, Folder 5, ICE Project Number 991d ICE Folder Name: eastman kodak p/q#1692, 1974 Notes: Content Summary: Custom linear design seminar
Box 28 (Series 16), Folder 6	Box 28, Folder 6, ICE Project Number 992 ICE Folder Name: martin-marietta Washington, DC, 1974 Notes: Content Summary: Evaluation of Martin-Marietta microelectronics activities
Box 28 (Series 16), Folder 7	Box 28, Folder 7, ICE Project Number 993 Notes: Content Summary: Agreement for consulting services with ITT, 1974
Box 28 (Series 16), Folder 8	Box 28, Folder 8, ICE Project Number 994 ICE Folder Name: eastman kodak - phase 3, 1974 Notes: Content Summary: Directives & updates on the Eastman Kodak account
Box 28 (Series 16), Folder 9	Box 28, Folder 9, ICE Project Number 995a Notes: ICE Folder Name: Digital equipment corporation- failure analysis, p/q#1713, 1974

Box 28 (Series 16),
Folder 10

Box 28, Folder 10, ICE Project Number 995b

ICE Folder Name: P/Q#1713

Notes: Content Summary: Failure analysis,, 1974

Box 28 (Series 16),
Folder 11

Box 28, Folder 11, ICE Project Number 995c

ICE Folder Name: P/Q#1713

Notes: Content Summary: Failure analysis,, 1974

Box 28 (Series 16),
Folder 12

Box 28, Folder 12, ICE Project Number 995d

ICE Folder Name: P/Q#1713

Notes: Content Summary: Failure analysis,, 1974 Appears to be
copies

Box 28 (Series 16),
Folder 13

Box 28, Folder 13, ICE Project Number 995e

ICE Folder Name: fairchild fc400m data log decoding, 6380a, 1974

Notes: Content Summary: 4 BIT Bi-directional shift register

Box 29 (Series 16),
Folder 1

Box 29, Folder 1, ICE Project Number 995f

ICE Folder Name: 6380A, 1964 to 1974

Notes: Content Summary: Chip layout & process Counters, flip-
flops & decoders analysis

Box 29 (Series 16),
Folder 2

Box 29, Folder 2, ICE Project Number 995g

ICE Folder Name: airpax - chip layout & process, 6380A, p/q#1516, 1974

Notes: Content Summary: Can burn-in cause problems as well as
solve them? Includes 1974

Box 29 (Series 16),
Folder 3

Box 29, Folder 3, ICE Project Number 995h

ICE Folder Name: Failure analysis data sheets, 1973

Notes: Content Summary: XREF *989, TYPE 7439, sample 209,
Date code: 7348

Box 29 (Series 16),
Folder 4

Box 29, Folder 4, ICE Project Number 995i

ICE Folder Name: failure analysis data sheets signetics, 1973

Notes: Content Summary: Type N7474 Sample 159, Date Code:7341

Box 29 (Series 16) Box 29, Folder 5, ICE Project Number 995j

ICE Folder Name: failure analysis data sheets signetics, 1973
Notes: Content Summary: Type 6380A, Sample 211, Date Code:7326

Box 29 (Series 16), Folder 6 Box 29, Folder 6, ICE Project Number 995k

ICE Folder Name: failure analysis data sheets signetics, 1973
Notes: Content Summary: Type 6380A, Sample 210, Date Code:7326

Box 29 (Series 16), Folder 7 Box 29, Folder 7, ICE Project Number 995l

ICE Folder Name: failure analysis data sheets signetics, 1973
Notes: Content Summary: Type 8266, Sample 188, Date Code:7344

Box 29 (Series 16), Folder 8 Box 29, Folder 8, ICE Project Number 995m

ICE Folder Name: failure analysis data sheets signetics, 1973
Notes: Content Summary: Type 8266, Sample 215, Date Code:7344

Box 29 (Series 16), Folder 9 Box 29, Folder 9, ICE Project Number 995n

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973
Notes: Content Summary: Type DEC5380, Sample 88, Date Code:7330

Box 29 (Series 16), Folder 10 Box 29, Folder 10, ICE Project Number 995o

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973
Notes: Content Summary: Type SN740IN, Sample 248, Date Code:7323

Box 29 (Series 16), Folder 11 Box 29, Folder 11, ICE Project Number 995p

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 6380-(7341), Sample 212, Date Code:7326

Box 29 (Series 16),
Folder 12

Box 29, Folder 12, ICE Project Number 995q

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 5380A, Sample 153, Date
Code:7328

Box 29 (Series 16),
Folder 13

Box 29, Folder 13, ICE Project Number 995r

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 6380A, Sample 227, Date
Code:7342

Box 29 (Series 16),
Folder 14

Box 29, Folder 14, ICE Project Number 995s

ICE Folder Name: Failure Analysis Data Sheets Motorola, 1972
Notes: Content Summary: Type 8266, Sample 162, Date
Code:7204

Box 29 (Series 16),
Folder 15

Box 29, Folder 15, ICE Project Number 995t

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 8266, Sample 242, Date
Code:7332

Box 29 (Series 16),
Folder 16

Box 29, Folder 16, ICE Project Number 995u

ICE Folder Name: Failure Analysis Data Sheets signetics, 1972
Notes: Content Summary: Type N7474A, Sample 18, Date
Code:7223

Box 29 (Series 16),
Folder 17

Box 29, Folder 17, ICE Project Number 995v

ICE Folder Name: Failure Analysis Data Sheets signetics, 1971
Notes: Content Summary: Type 6380A, Sample 302, Date
Code:7140

Box 29 (Series 16),
Folder 18

Box 29, Folder 18, ICE Project Number 995w

ICE Folder Name: Failure Analysis Data Sheets signetics, 1972
Notes: Content Summary: Type 6380 or 88, Sample 311, Date
Code:7238

Box 29 (Series 16),
Folder 19

Box 29, Folder 19, ICE Project Number 995x

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 6380A, Sample 245, Date
Code:7326

Box 29 (Series 16),
Folder 20

Box 29, Folder 20, ICE Project Number 995y

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1971
Notes: Content Summary: Type SN74H11N, Sample 303, Date
Code:7135

Box 29 (Series 16),
Folder 21

Box 29, Folder 21, ICE Project Number 995z

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1972
Notes: Content Summary: Type SN7450N, Sample 154, Date
Code:7235

Box 29 (Series 16),
Folder 22

Box 29, Folder 22, ICE Project Number 995aa

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type N74194B, Sample 315, Date
Code:7350

Box 29 (Series 16),
Folder 23

Box 29, Folder 23, ICE Project Number 995bb

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973
Notes: Content Summary: Type SN7401N, Sample 129, Date
Code:7336

Box 29 (Series 16),
Folder 24

Box 29, Folder 24, ICE Project Number 995cc

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 8881, Sample 214, Date
Code:7335

Box 29 (Series 16),
Folder 25

Box 29, Folder 25, ICE Project Number 995dd

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 6380A, Sample 35, Date
Code:7341

Box 29 (Series 16),
Folder 26

Box 29, Folder 26, ICE Project Number 995ee

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973
Notes: Content Summary: Type SN7401N, Sample 130, Date
Code:7336

Box 29 (Series 16),
Folder 27

Box 29, Folder 27, ICE Project Number 995ff

ICE Folder Name: Failure Analysis Data Sheets, 1973
Notes: Content Summary: Type 8881 (7439), Sample 122, Date
Code:7351

Box 29 (Series 16),
Folder 28

Box 29, Folder 28, ICE Project Number 995gg

ICE Folder Name: Failure Analysis Data Sheets signetics, 1972
Notes: Content Summary: Type 8266, Sample 313, Date
Code:7232

Box 29 (Series 16),
Folder 29

Box 29, Folder 29, ICE Project Number 995hh

ICE Folder Name: Failure Analysis Data Sheets signetics, 1971
Notes: Content Summary: Type 384A, Sample 190, Date
Code:7129

Box 29 (Series 16),
Folder 30

Box 29, Folder 30, ICE Project Number 995ii

ICE Folder Name: Failure Analysis Data Sheets signetics, 1973
Notes: Content Summary: Type 8266, Sample 261, Date
Code:7344

Box 29 (Series 16),
Folder 31

Box 29, Folder 31, ICE Project Number 995jj

ICE Folder Name: Failure Analysis Data Sheets motorola, 1973
Notes: Content Summary: Type 8251, Sample 136, Date
Code:7343

Box 29 (Series 16),
Folder 32

Box 29, Folder 32, ICE Project Number 995kk

ICE Folder Name: Failure Analysis Data Sheets ITT, 1973
Notes: Content Summary: Type 7400, Sample 45, Date
Code:7329

Box 29 (Series 16),
Folder 33

Box 29, Folder 33, ICE Project Number 995ll

ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973
Notes: Content Summary: Type SN7412N, Sample 194, Date Code:7344

Box 29 (Series 16),
Folder 34

Box 29, Folder 34, ICE Project Number 995mm

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8271, Sample 322, Date Code: 7342

Box 29 (Series 16),
Folder 35

Box 29, Folder 35, ICE Project Number 995nn

ICE Folder Name: Failure analysis data sheets, fairchild, 1973
Notes: Content Summary: Type 9N16/7416, Sample 229, Date Code: 7332

Box 29 (Series 16),
Folder 36

Box 29, Folder 36, ICE Project Number 995oo

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type DEC5314A, Sample 52, Date Code: 7340

Box 29 (Series 16),
Folder 37

Box 29, Folder 37, ICE Project Number 995pp

ICE Folder Name: failure analysis data sheets, texas instruments, 1973
Notes: Content Summary: Type SN 7415 3 N, Sample 128, Date Code: 7317

Box 29 (Series 16),
Folder 38

Box 29, Folder 38, ICE Project Number 995qq

ICE Folder Name: failure analysis data sheets, National [semiconductor]
Notes: Content Summary: Type DM 7493 N, Sample 137, Date Code: [? 320]

Box 29 (Series 16),
Folder 39

Box 29, Folder 39, ICE Project Number 995rr

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type N 7400 AH, Sample 96, Date Code: 7343

Box 29 (Series 16),
Folder 40

Box 29, Folder 40, ICE Project Number 995ss

ICE Folder Name: failure analysis data sheets, fairchild, 1973
Notes: Content Summary: Type 74153, Sample 257, Date Code:
7341

Box 29 (Series 16),
Folder 41

Box 29, Folder 41, ICE Project Number 995tt

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type N 7400 AH, Sample 30, Date
Code: 7343

Box 29 (Series 16),
Folder 42

Box 29, Folder 42, ICE Project Number 995uu

ICE Folder Name: Failure analysis data Sheets, Texas instruments, 1971
Notes: Content Summary: Type SN 7450 N, Sample 21, Date
Code: 7148

Box 29 (Series 16),
Folder 43

Box 29, Folder 43, ICE Project Number 995vv

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8266, Sample 263, Date Code:
7344

Box 29 (Series 16),
Folder 44

Box 29, Folder 44, ICE Project Number 995ww

ICE Folder Name: failure analysis data sheets, raytheon, 1973
Notes: Content Summary: Type 74194 MP, Sample 48, Date Code
7340

Box 29 (Series 16),
Folder 45

Box 29, Folder 45, ICE Project Number 995xx

ICE Folder Name: failure analysis data sheets, texas instruments, 1971
Notes: Content Summary: Type SN97401 (7401), Sample 327,
Date Code: 7122A

Box 29 (Series 16),
Folder 46

Box 29, Folder 46, ICE Project Number 995yy

ICE Folder Name: failure analysis data sheets, Texas instruments, 1973
Notes: Content Summary: Type 74 H00, Sample 116, Date Code:
7322

Box 29 (Series 16),
Folder 47

Box 29, Folder 47, ICE Project Number 995zz

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8271, Sample 101, Date Code:
7328

Box 29 (Series 16),
Folder 48

Box 29, Folder 48, ICE Project Number 995aaa

ICE Folder Name: Failure analysis data sheets, signetics, 1972
Notes: Content Summary: Type 8266, Sample 312, Date Code:
7232

Box 29 (Series 16),
Folder 49

Box 29, Folder 49, ICE Project Number 995bbb

ICE Folder Name: failure analysis data sheets, signetics, 1972
Notes: Content Summary: Type 8266, Sample 314, Date Code:
7212

Box 29 (Series 16),
Folder 50

Box 29, Folder 50, ICE Project Number 995ccc

ICE Folder Name: failure analysis data sheets, signetics, 1971
Notes: Content Summary: Type 8235, Sample 1, Date Code 7152

Box 29 (Series 16),
Folder 51

Box 29, Folder 51, ICE Project Number 995ddd

ICE Folder Name: failure analysis data sheets signetics, 1971
Notes: Content Summary: Type 8235, Sample 2, Date Code: 7152

Box 29 (Series 16),
Folder 52

Box 29, Folder 52, ICE Project Number 995eee

ICE Folder Name: failure analysis data sheets, harris, 1969
Notes: Content Summary: Type HSC 7420 A, Sample 228, Date
Code: 6935

Box 29 (Series 16),
Folder 53

Box 29, Folder 53, ICE Project Number 995fff

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8271, Sample 320, Date Code:
7340

Box 29 (Series 16),
Folder 54

Box 29, Folder 54, ICE Project Number 995ggg

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type N 7474 AH, Sample 43, Date Code: 7341

Box 29 (Series 16),
Folder 55

Box 29, Folder 55, ICE Project Number 995hhh

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8235, Sample 319, Date Code: 7328

Box 29 (Series 16),
Folder 56

Box 29, Folder 56, ICE Project Number 995iii

ICE Folder Name: failure analysis data sheets, fairchild, 1973
Notes: Content Summary: Type 9N041 7404, Sample 221, Date Code: 7305

Box 29 (Series 16),
Folder 57

Box 29, Folder 57, ICE Project Number 995jjj

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8235, Sample 318, Date Code: 7334

Box 29 (Series 16),
Folder 58

Box 29, Folder 58, ICE Project Number 995kkk

ICE Folder Name: failure analysis data sheet, texas instruments, 1971
Notes: Content Summary: Type SN 7412 N, Sample 170, Date Code: 7134A

Box 30 (Series 16),
Folder 1

Box 30, Folder 1, ICE Project Number 995lll

ICE Folder Name: failure analysis data sheets, texas instruments, 1971
Notes: Content Summary: Type SN 7412 N, Sample 193, Date Code: 7147A

Box 30 (Series 16),
Folder 2

Box 30, Folder 2, ICE Project Number 995mmm

ICE Folder Name: failure analysis data sheets, National semiconductor
Notes: Content Summary: Type DM 74L54 N, Sample 265, Date Code: [?329]

Box 30 (Series 16),
Folder 3

Box 30, Folder 3, ICE Project Number 995nnn

ICE Folder Name: failure analysis data sheets, signetics, 1973

Notes: Content Summary: Type 8266, Sample 262, Date Code: 7344

Box 30 (Series 16), Folder 4 Box 30, Folder 4, ICE Project Number 995ooo

ICE Folder Name: failure analysis data sheets, fairchild, 1973
Notes: Content Summary: Type DEC 9601, Sample 279, Date Code 7320

Box 30 (Series 16), Folder 5 Box 30, Folder 5, ICE Project Number 995ppp

ICE Folder Name: failure analysis data sheets, signetics, 1973
Notes: Content Summary: Type 8235, Sample 31, Date Code: 7334

Box 30 (Series 16), Folder 6 Box 30, Folder 6, ICE Project Number 995qqq

ICE Folder Name: failure analysis data sheets, signetics, 1972
Notes: Content Summary: Type 8271, Sample 80, Date Code: 7216

Box 30 (Series 16), Folder 7 Box 30, Folder 7, ICE Project Number 995rrr

ICE Folder Name: failure analysis data sheets, fairchild, 1973
Notes: Content Summary: Type 7405, Sample 114, Date Code: 7318

Box 30 (Series 16), Folder 8 Box 30, Folder 8, ICE Project Number 995sss

ICE Folder Name: failure analysis data sheets, texas instruments, 1972
Notes: Content Summary: Type SN 7412 N, Sample 171, Date Code: 7205

Box 30 (Series 16), Folder 9 Box 30, Folder 9, ICE Project Number 995ttt

ICE Folder Name: failure analysis data sheets, texas instruments, 1973
Notes: Content Summary: Type SN 74L54 N, Sample 266, Date Code: 7332A

Box 30 (Series 16), Folder 10 Box 30, Folder 10, ICE Project Number 995uuu

ICE Folder Name: failure analysis data sheets, signetics, 1973

Notes: Content Summary: Type 384A, Sample 14, Date Code: 7325

Box 30 (Series 16), Folder 11 Box 30, Folder 11, ICE Project Number 995vvv

ICE Folder Name: failure analysis data sheets, fairchild, 1973
Notes: Content Summary: Type 7486, Sample 240, Date Code: 7331

Box 30 (Series 16), Folder 12 Box 30, Folder 12, ICE Project Number 995www

ICE Folder Name: failure analysis data sheets, signetics, 1971
Notes: Content Summary: Type 6380A, Sample 323, Date Code: 7112

Box 30 (Series 16), Folder 13 Box 30, Folder 13, ICE Project Number 995xxx

ICE Folder Name: failure analysis data sheets, signetics, 1972
Notes: Content Summary: Type 8251, Sample 19, Date Code: 7230

Box 30 (Series 16), Folder 14 Box Folder 14, ICE Project Number 995yyy

ICE Folder Name: failure analysis data sheets, texas instruments, 1971
Notes: Content Summary: Type SN 97401 (SN 7401N), Sample 326, Date Code: 7117

Box 30 (Series 16), Folder 15 Box 30, Folder 15, ICE Project Number 995zzz

ICE Folder Name: failure analysis Data sheets, texas instruments, 1971
Notes: Content Summary: Type SN 97401 (SN 7401N), Sample 325, Date Code: 7117

Box 30 (Series 16), Folder 16 Box 30, Folder 16, ICE Project Number 995aaaa

ICE Folder Name: failure analysis data sheets, texas instruments, 1973
Notes: Content Summary: Type SN 7474 N, Sample 6, Date Code: 7305

Box 30 (Series 16), Folder 17 Box 30, Folder 17, ICE Project Number 995bbbb

ICE Folder Name: failure analysis data sheets, texas instruments, 1972

Notes: Content Summary: Type SN 74H87 N, Sample 163, Date Code: 7213

Box 30 (Series 16),
Folder 18 Box 30, Folder 18, ICE Project Number 995cccc

ICE Folder Name: failure analysis data sheets, texas instruments, 1972
Notes: Content Summary: Type SN 74H87 N, Sample 4, Date Code: 7217

Box 30 (Series 16),
Folder 19 Box 30, Folder 19, ICE Project Number 995dddd

ICE Folder Name: failure analysis data sheets, texas instruments, 1973
Notes: Content Summary: Type SN 7416 N, Sample 15, Date Code: 7335

Box 30 (Series 16),
Folder 20 Box 30, Folder 20, ICE Project Number 995eeee

ICE Folder Name: failure analysis data sheets, signetics
Notes: Content Summary: Type 8881, Sample 264, Date Code: 7340

Box 30 (Series 16),
Folder 21 Box 30, Folder 21, ICE Project Number 995ffff

ICE Folder Name: failure analysis, signetics, 1971
Notes: Content Summary: Type 6380A, Sample 324, Date Code: 7112

Box 30 (Series 16),
Folder 22 Box 30, Folder 22, ICE Project Number 995gggg

ICE Folder Name: failure analysis, signetics, 1973
Notes: Content Summary: Type N 74194 B, Sample 268, Date Code: 7327

Box 30 (Series 16),
Folder 23 Box 30, Folder 23, ICE Project Number 995hhhh

ICE Folder Name: failure analysis data sheets, fairchild, 1972
Notes: Content Summary: Type 7410, Sample 225, Date Code: 7235

Box 30 (Series 16),
Folder 24 Box 30, Folder 24, ICE Project Number 995iiii

ICE Folder Name: failure analysis data sheets, signetics, 1973

Notes: Content Summary: Type N 74194 B, Sample 200, Date Code: 7347

Box 30 (Series 16), Folder 25	Box 30, Folder 25, ICE Project Number 996a Notes: Content Summary: Hand-written notes, 1975
Box 30 (Series 16), Folder 26	Box 30, Folder 26, ICE Project Number 996b Notes: Content Summary: RCA - reliability considerations for COS/MOS devices, 1975
Box 30 (Series 16), Folder 27	Box 30, Folder 27, ICE Project Number 996c Notes: Content Summary: Sprague - reliability of plastic integrated circuits, 1976
Box 30 (Series 16), Folder 28	Box 30, Folder 28, ICE Project Number 996d Notes: Content Summary: Some advanced techniques for device failure analysis - technical memo, 1975
Box 30 (Series 16), Folder 29	Box 30, Folder 29, ICE Project Number 996e Notes: Content Summary: The Uti Journal, Vol.2 No. 2, 1976
Box 30 (Series 16), Folder 30	Box 30, Folder 30, ICE Project Number 996f Notes: Content Summary: Advertisement - PCR Inc. "Reduce your rejects with HMDS", 1976
Box 30 (Series 16), Folder 31	Box 30, Folder 31, ICE Project Number 996g Notes: Content Summary: Minutes of ASTM committee F-1, subcommittee, assembly, 1975
Box 30 (Series 16), Folder 32	Box 30, Folder 32, ICE Project Number 996h Notes: Content Summary: CL75-620 Electrostatic discharge in microcircuits - reprint, 1975
Box 30 (Series 16), Folder 33	Box 30, Folder 33, ICE Project Number 996i Notes: Content Summary: Packet of papers identifying problem areas with assembly, 1975
Box 30 (Series 16), Folder 34	Box 30, Folder 34, ICE Project Number 996j Notes: Content Summary: Photograph, 1975
Box 30 (Series 16), Folder 35	Box 30, Folder 35, ICE Project Number 996k Notes: Content Summary: Practical problems in the application of aluminum electromigration failure studies
Box 30 (Series 16), Folder 36	Box 30, Folder 36, ICE Project Number 996l Notes: Content Summary: SEM applications to semiconductors
Box 30 (Series 16), Folder 37	Box 30, Folder 37, ICE Project Number 996m Notes: ICE Folder Name: Paper published in the journal of the electrochemical society - "passivation coatings on silicon devices", 1975

Box 30 (Series 16), Folder 38	Box 30, Folder 38, ICE Project Number 996n Notes: Content Summary: Microcircuit manufacturing control handbook - a guide to failure analysis & process control, 1975
Box 30 (Series 16), Folder 39	Box 30, Folder 39, ICE Project Number 996o Notes: ICE Folder Name: airforce handbook rough draft updates, 1974
Box 30 (Series 16), Folder 40	Box 30, Folder 40, ICE Project Number 996p Notes: ICE Folder Name: radc f30602-74-c-0232 misc. CORRESPONDENCE, 1977
Box 30 (Series 16)	Box 30, Folder 40, ICE Project Number 996p Notes: ICE Folder Name: radc f30602-74-c-0232 misc. CORRESPONDENCE, 1977
Box 30 (Series 16), Folder 41	Box 30, Folder 41, ICE Project Number 996q Notes: ICE Folder Name: unused failure analysis
Box 30 (Series 16), Folder 42	Box 30, Folder 42, ICE Project Number 996r ICE Folder Name: reliability handbook, 1975 Notes: Content Summary: Failure analysis
Box 30 (Series 16), Folder 43	Box 30, Folder 43, ICE Project Number 996s Notes: Content Summary: News release - New Microcircuit manufacturing control handbook for the industry, 1975
Box 30 (Series 16), Folder 44	Box 30, Folder 44, ICE Project Number 996t Notes: Content Summary: Hand -written notes, 1975
Box 31 (Series 16), Folder 1	Box 31, Folder 1, ICE Project Number 996u ICE Folder Name: failure analysis summary Notes: Content Summary: Problem area: Design
Box 31 (Series 16), Folder 2	Box 31, Folder 2, ICE Project Number 996u ICE Folder Name: failure analysis summary Notes: Content Summary: Problem area: Materials - EPI
Box 31 (Series 16), Folder 3	Box 31, Folder 3, ICE Project Number 996u ICE Folder Name: failure analysis summary Notes: Content Summary: Problem area: surfaces - oxidation

Box 31 (Series 16),
Folder 4

Box 31, Folder 4, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Diffusion

Box 31 (Series 16),
Folder 5

Box 31, Folder 5, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Metallization

Box 31 (Series 16),
Folder 6

Box 31, Folder 6, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Assembly

Box 31 (Series 16),
Folder 7

Box 31, Folder 7, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Package sealing

Box 31 (Series 16),
Folder 8

Box 31, Folder 8, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Testing

Box 31 (Series 16),
Folder 9

Box 31, Folder 9, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Application

Box 31 (Series 16),
Folder 10

Box 31, Folder 10, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Equipment description number 38

Box 31 (Series 16),
Folder 11

Box 31, Folder 11, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Design

Box 31 (Series 16),
Folder 12

Box 31, Folder 12, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Surfaces

Box 31 (Series 16),
Folder 13 Box 31, Folder 13, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Diffusion

Box 31 (Series 16),
Folder 14 Box 31, Folder 14, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Metallization

Box 31 (Series 16),
Folder 15 Box 31, Folder 15, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Assembly

Box 31 (Series 16),
Folder 16 Box 31, Folder 16, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Package - Sealing

Box 31 (Series 16),
Folder 17 Box 31, Folder 17, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Testing

Box 31 (Series 16),
Folder 18 Box 31, Folder 18, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Applications

Box 31 (Series 16),
Folder 19 Box 31, Folder 19, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Equipment Description Number 38

Box 31 (Series 16),
Folder 20 Box 31, Folder 20, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Design

Box 31 (Series 16),
Folder 21

Box 31, Folder 21, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Materials - EPI

Box 31 (Series 16),
Folder 22

Box 31, Folder 22, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Surfaces - Oxidation

Box 31 (Series 16),
Folder 23

Box 31, Folder 23, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Surfaces

Box 31 (Series 16),
Folder 24

Box 31, Folder 24, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Diffusion

Box 31 (Series 16),
Folder 25

Box 31, Folder 25, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Metallization

Box 31 (Series 16),
Folder 26

Box 31, Folder 26, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Assembly

Box 31 (Series 16),
Folder 27

Box 31, Folder 27, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Package sealing

Box 31 (Series 16),
Folder 28

Box 31, Folder 28, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Testing

Box 31 (Series 16),
Folder 29

Box 31, Folder 29, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Applications

Box 31 (Series 16),
Folder 30 Box 31, Folder 30, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Equipment description number 38

Box 31 (Series 16),
Folder 31 Box 31, Folder 31, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Design

Box 31 (Series 16),
Folder 32 Box 31, Folder 32, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Materials - EPI

Box 31 (Series 16),
Folder 33 Box 31, Folder 33, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Surfaces - Oxidation

Box 31 (Series 16),
Folder 34 Box 31, Folder 34, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Surfaces

Box 31 (Series 16),
Folder 35 Box 31, Folder 35, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Diffusion

Box 31 (Series 16),
Folder 36 Box 31, Folder 36, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Metallization

Box 31 (Series 16),
Folder 37 Box 31, Folder 37, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Assembly

Box 31 (Series 16),
Folder 38

Box 31, Folder 38, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Package sealing

Box 31 (Series 16),
Folder 39

Box 31, Folder 39, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Testing

Box 31 (Series 16),
Folder 40

Box 31, Folder 40, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Applications

Box 31 (Series 16),
Folder 41

Box 31, Folder 41, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Equipment description number 38

Box 31 (Series 16),
Folder 42

Box 31, Folder 42, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Design

Box 31 (Series 16),
Folder 43

Box 31, Folder 43, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Materials - EPI

Box 31 (Series 16),
Folder 44

Box 31, Folder 44, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Surfaces - Oxidation

Box 31 (Series 16),
Folder 45

Box 31, Folder 45, ICE Project Number 996u

ICE Folder Name: failure analysis summary

Notes: Content Summary: Problem area: Diffusion

Box 31 (Series 16),
Folder 46

Box 31, Folder 46, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Metallization

Box 31 (Series 16),
Folder 47 Box 31, Folder 47, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Assembly

Box 31 (Series 16),
Folder 48 Box 31, Folder 48, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Package Sealing

Box 31 (Series 16),
Folder 49 Box 31, Folder 49, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Testing

Box 31 (Series 16),
Folder 50 Box 31, Folder 50, ICE Project Number 996u

ICE Folder Name: failure analysis summary
Notes: Content Summary: Problem area: Applications

Box 31 (Series 16),
Folder 51 Box 31, Folder 51, ICE Project Number 996v
Notes: Content Summary: Migrated - gold resistive shorts in
microcircuits, 1975

Box 31 (Series 16),
Folder 52 Box 31, Folder 52, ICE Project Number 996w

ICE Folder Name: Failure analysis summary
Notes: Content Summary: Equipment description number 38

Box 31 (Series 16),
Folder 53 Box 31, Folder 53, ICE Project Number 996x
Notes: Content Summary: Handwritten notes, 197

Box 31 (Series 16),
Folder 54 Box 31, Folder 54, ICE Project Number 996y
Notes: ICE Folder Name: status report for period ending - rome air
development center

Box 31 (Series 16),
Folder 55 Box 31, Folder 55, ICE Project Number 996z

ICE Folder Name: Used reports, 1976
Notes: Content Summary: Reliability engineering analysis report

Box 32 (Series 16), Folder 1	Box 32, Folder 1, ICE Project Number 996aa Notes: ICE Folder Name: Rome air development center, p/q#1685, 1973 Content Summary: Process control handbook
Box 32 (Series 16), Folder 2	Box 32, Folder 2, ICE Project Number 996bb Notes: Content Summary: Photographs - an early design silicon monolithic circuit
Box 32 (Series 16), Folder 3	Box 32, Folder 3, ICE Project Number 996cc Notes: Content Summary: Failure analysis summary - Problem area: assembly, 1975
Box 32 (Series 16), Folder 4	Box 32, Folder 4, ICE Project Number 996dd Notes: Content Summary: Hand-written call reports
Box 32 (Series 16), Folder 5	Box 32, Folder 5, ICE Project Number 996ee Notes: Content Summary: Advertisement/description of dynamic junction profiler, 1975
Box 32 (Series 16), Folder 6	Box 32, Folder 6, ICE Project Number 996ff Notes: Content Summary: Photo: wire bond lifting off pad...visual observations
Box 32 (Series 16), Folder 7	Box 32, Folder 7, ICE Project Number 996gg Notes: Content Summary: Photo: conductive particle on lead
Box 32 (Series 16), Folder 8	Box 32, Folder 8, ICE Project Number 996hh Notes: Content Summary: Misc. close-up circuit photos
Box 32 (Series 16), Folder 9	Box 32, Folder 9, ICE Project Number 996ii Notes: Content Summary: Photo: 3 views of unidentified circuit
Box 32 (Series 16), Folder 10	Box 32, Folder 10, ICE Project Number 996jj Notes: Content Summary: Failure analysis summary - Documents ready to go to the printer
Box 32 (Series 16), Folder 11	Box 32, Folder 11, ICE Project Number 996kk Notes: ICE Folder Name: Misc. circuit picture
Box 32 (Series 16), Folder 12	Box 32, Folder 12, ICE Project Number 996ll Notes: Content Summary: Misc. military correspondence & documentation - photographs included
Box 32 (Series 16), Folder 13	Box 32, Folder 13, ICE Project Number 996mm Notes: ICE Folder Name: Nad cranl failure reports, 1974
Box 32 (Series 16), Folder 14	Box 32, Folder 14, ICE Project Number 996nn Notes: Content Summary: Reliability engineering analysis report, 1977

Box 32 (Series 16), Folder 15	Box 32, Folder 15, ICE Project Number 996oo Notes: ICE Folder Name: Nbs failure analysis, 1973
Box 32 (Series 16), Folder 16	Box 32, Folder 16, ICE Project Number 996pp Notes: ICE Folder Name: Microcircuit manufacturing control handbook
Box 33 (Series 16), Folder 1	Box 33, Folder 1, ICE Project Number 996qq Notes: ICE Folder Name: RADC handbook, 1976
Box 33 (Series 16), Folder 2	Box 33, Folder 2, ICE Project Number 996rr ICE Folder Name: radc handbook, 1974 Notes: Content Summary: copies of contract
Box 33 (Series 16), Folder 3	Box 33, Folder 3, ICE Project Number 996ss ICE Folder Name: radc handbook Notes: Content Summary: Statement of work for reporting
Box 33 (Series 16), Folder 4	Box 33, Folder 4, ICE Project Number 996tt Notes: ICE Folder Name: radc handbook, 1976
Box 33 (Series 16), Folder 5	Box 33, Folder 5, ICE Project Number 997a ICE Folder Name: hitachi america, ltd. p/q #1714, 1974 Notes: Content Summary: Marked analysis, specific cost information, and crystal orientation
Box 33 (Series 16), Folder 6	Box 33, Folder 6, ICE Project Number 997b ICE Folder Name: hitachi america, ltd., 1974 Notes: Content Summary: A special analysis of the U.S> circuit market (working copy)
Box 33 (Series 16), Folder 7	Box 33, Folder 7, ICE Project Number 997c ICE Folder Name: hitachi america, ltd., 1974 Notes: Content Summary: A special analysis of the U.S> circuit market (original)
Box 33 (Series 16), Folder 8	Box 33, Folder 8, ICE Project Number 997d ICE Folder Name: hitachi america, ltd., 1974

Notes: Content Summary: 8 digit calculator & chips/crystal questions, correspondence & articles

Box 33 (Series 16),
Folder 9

Box 33, Folder 9, ICE Project Number 998a

ICE Folder Name: western electric p/q #1708, 1974

Notes: Content Summary: Western Electronic vs. Solitron Services, Inc. Index No. 7061/1966

Box 33 (Series 16),
Folder 10

Box 33, Folder 10, ICE Project Number 998b

ICE Folder Name: Western Electric, 1974

Notes: Content Summary: The role of belt aligned silicon-Gate Technology in the U.S. Integrated Circuit Market

Box 33 (Series 16)

Box 33, Folder 11, ICE Project Number 998c

ICE Folder Name: Western Electric, 1974

Notes: Content Summary: Patent summaries, Rockwell calculator and fixed charges for semiconductor patents or NOS patents

Box 33 (Series 16)

Box 33, Folder 12, ICE Project Number 999a

ICE Folder Name: Bowmar canada limited, 1973, 1974

Notes: Content Summary: Management & financial report

Box 33 (Series 16),
Folder 13

Box 33, Folder 13, ICE Project Number 999b

ICE Folder Name: Bowmar Canada limited, 1974

Notes: Content Summary: A prospectus for Bowmar-an investment opportunity in semiconductors, Product areas: LEDS, Silicon, B Polar, MO

Box 33 (Series 16)

Box 33, Folder 14, ICE Project Number 999c

ICE Folder Name: bowmar canada, limited, 1974

Notes: Content Summary: "...most important long term asset: electronic watch ..." a review of realities and alternatives

Box 34 (Series 16),
Folder 1

Box 34, Folder 1, ICE Project Number 999d

ICE Folder Name: bowmar canada, limited, 1975

Notes: Content Summary: Fair market value study of the Bowmar/ Arizona Chandler facility

Box 34 (Series 16),
Folder 2

Box 34, Folder 2, ICE Project Number 999e

ICE Folder Name: bowmar, 1974

Notes: Content Summary: Correspondence-chips, calculators/
watches

Box 34 (Series 16),
Folder 3

Box 34, Folder 3, ICE Project Number 999f

ICE Folder Name: Bowmar, 1974

Notes: Content Summary: Engineering report E-1162 effects of
impurities on the resonator & Lattice properties of quartz
11/2/1995

Box 34 (Series 16),
Folder 4

Box 34, Folder 4, ICE Project Number 999g

ICE Folder Name: Bowmar, 1974

Notes: Content Summary: Engineering evaluation lab. & original
notes

Box 34 (Series 16),
Folder 5

Box 34, Folder 5, ICE Project Number 999h

ICE Folder Name: bowmar, 1974

Notes: Content Summary: Probe and final tests & original notes

Box 34 (Series 16),
Folder 6

Box 34, Folder 6, ICE Project Number 999i

ICE Folder Name: Bowmar, 1974

Notes: Content Summary: Hand ledger copy of mfg. And
application, eq. Hewlett Packard Digital Cur. Source

Box 34 (Series 16),
Folder 7

Box 34, Folder 7, ICE Project Number 999j

ICE Folder Name: bowmar, 1975

Notes: Content Summary: Project to sell majority interest in
Bowmar, Canada LTD.

Box 34 (Series 16),
Folder 8

Box 34, Folder 8, ICE Project Number 999k

ICE Folder Name: bowmar, 1975

Notes: Content Summary: Attachment #4- office furniture and
equipment

Box 34 (Series 16),
Folder 9

Box 34, Folder 9, ICE Project Number 999l

ICE Folder Name: Bowmar, 1975
Notes: Content Summary: Facilities

Box 34 (Series 16),
Folder 10

Box 34, Folder 10, ICE Project Number 999m

ICE Folder Name: bowmar, 1975
Notes: Content Summary: Summary of Bowmar semiconductor group

Box 34 (Series 16),
Folder 11

Box 34, Folder 11, ICE Project Number 999n

ICE Folder Name: bowmar, 1975
Notes: Content Summary: Organization chart, history [time line] of Bowmar/Arizona's semiconductor activity

Box 34 (Series 16),
Folder 12

Box 34, Folder 12, ICE Project Number 999o

ICE Folder Name: bowmar, 1974, 1975
Notes: Content Summary: News clippings Chapter 11 to litigation

Box 34 (Series 16),
Folder 13

Box 34, Folder 13, ICE Project Number 999p

ICE Folder Name: bowmar, 1975
Notes: Content Summary: Facilities and financial status

Box 34 (Series 16),
Folder 14

Box 34, Folder 14, ICE Project Number 999q

ICE Folder Name: bowmar, 1975
Notes: Content Summary: Proprietary 1975 MOS process

Box 34 (Series 16),
Folder 15

Box 34, Folder 15, ICE Project Number 999r

ICE Folder Name: bowmar, 1975
Notes: Content Summary: Proprietary 1975 BIPOLAR L2-8-2 process

Box 34 (Series 16),
Folder 16

Box 34, Folder 16, ICE Project Number 999S

ICE Folder Name: bowmar, 1975

Notes: Content Summary: Manpower, skills, balance sheets, status, original notes

Box 34 (Series 16), Folder 17 Box 34, Folder 17, ICE Project Number 999s

ICE Folder Name: bowmar, 1975
Notes: Content Summary: Material bipolar- diffusion Doc# 10B00059

Box 34 (Series 16), Folder 18 Box 34, Folder 18, ICE Project Number 999t

ICE Folder Name: Bowmar, 1974
Notes: Content Summary: Process specs - CMOS, Doc.# 10B00047

Box 34 (Series 16), Folder 19 Box 34, Folder 19, ICE Project Number 999u

ICE Folder Name: Bowmar, 1974
Notes: Content Summary: Diffusion Base worksheets

Box 34 (Series 16), Folder 20 Box 34, Folder 20, ICE Project Number 999v

ICE Folder Name: Bowmar, 1974
Notes: Content Summary: Diffusion Au emitter worksheets

Box 35, Folder 1 Box 35, Folder 1, ICE Project Number 999w

ICE Folder Name: bowmar, 1974
Notes: Content Summary: Isolation diffusion worksheets

Box 35, Folder 2 Box 35, Folder 2, ICE Project Number 999x

ICE Folder Name: bowmar, 1974
Notes: Content Summary: Diffusion Buried Layer worksheets

Box 35, Folder 3 Box 35, Folder 3, ICE Project Number 999y

ICE Folder Name: bowmar, 1974
Notes: Content Summary: Diffusion - Bipolar Process specs - THE RECIPE

Box 35, Folder 4 Box 35, Folder 4, ICE Project Number 999z

ICE Folder Name: bowmar, 1974
Notes: Content Summary: Bipolar process specs, Doc.# 10B00151

Box 35, Folder 5	Box 35, Folder 5, ICE Project Number 999aa
	ICE Folder Name: bowmar, 1974 Notes: Content Summary: The recipe - Mfg. process specs. Raytheon approval - 3" diameter wafers
Box 35, Folder 6	Box 35, Folder 6, ICE Project Number 999bb
	ICE Folder Name: leee, 1977 Notes: Content Summary: Microwave power transmission / satellite power systems "...from sci-fi to reality"
Box 35, Folder 7	Box 35, Folder 7, ICE Project Number 999cc
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: Sale of Bowmar Canada and Promised Silicon Report
Box 35, Folder 8	Box 35, Folder 8, ICE Project Number 999dd
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: Prospectus for Bowmar, Ltd. of Canada
Box 35, Folder 9	Box 35, Folder 9, ICE Project Number 999ee
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: A proposal for silicon integrated circuit product capability at Bowmar/Canada
Box 35, Folder 10	Box 35, Folder 10, ICE Project Number 999ff
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: Investment opportunity
Box 36, Folder 1	Box 36, Folder 1, ICE Project Number 999gg
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: Prospect list [8x10 black book]
Box 36, Folder 2	Box 36, Folder 2, ICE Project Number 999hh
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: Telephone calls & notes
Box 36, Folder 3	Box 36, Folder 3, ICE Project Number 999ii
	ICE Folder Name: bowmar - motorola personnel, 1975 Notes: Content Summary: First cut evaluation of Bowmar's semiconductor for group asking price

Box 36, Folder 4	Box 36, Folder 4, ICE Project Number 999jj
	ICE Folder Name: bowmar - arizona, 1974 Notes: Content Summary: letter concerning LED's & electronic watch application
Box 36, Folder 5	Box 36, Folder 5, ICE Project Number 999A
	ICE Folder Name: Bowmar - arizona (Mexico), 1974 - 1975 Notes: Content Summary: 8080 production - PULSAR - CALCULATOR - CMOS - PMOS - BIPOLAR --LED
Box 37, Folder 1	Box 37, Folder 1, ICE Project Number 10000a
	ICE Folder Name: Potential Advertising for Status 1975 Notes: Content Summary: The Economics of Integrated Circuit Manufacturing
Box 37, Folder 2	Box 37, Folder 2, ICE Project Number 10000b
	ICE Folder Name: European Trips Highlights Notes: Content Summary: William D. Witter, Inc.5/16/74
Box 37, Folder 3	Box 37, Folder 3, ICE Project Number 10001
	ICE Folder Name: Eastman Kodak, May 28, 1974 Notes: Content Summary: Eastman Kodak Motor Speed Control-1 (MSC) Circuit
Box 37	Box 37, Folder 3, ICE Project Number 10002
	ICE Folder Name: Eastman Kodak, May 28, 1974 Notes: Content Summary: Eastman Kodak MSC-1 Circuit
Box 37	Box 37, Folder 3, ICE Project Number 10003
	ICE Folder Name: Eastman Kodak, May 28, 1074 Notes: Content Summary: Eastman Kodak MSC-1 Circuit
Box 37, Folder 4	Box 37, Folder 4, ICE Project Number 10004
	ICE Folder Name: Hallicrafters, June 5, 1974 Notes: Content Summary: Comments of Collins Radio Large Scale Integration (LSI) Proposal
Box 37, Folder 5	Box 37, Folder 5, ICE Project Number 10005
	ICE Folder Name: TRW

Notes: Content Summary: Report on the 75370 Sense Amplifier Circuit

Box 37, Folder 6 Box 37, Folder 6, ICE Project Number 10006
Notes: ICE Folder Name: 3M Co. '74 Process. & Pkg'g Semin P/Q No. 1721

Box 37, Folder 7 Box 37, Folder 7, ICE Project Number 10007a

ICE Folder Name: Motorola, August 1974
Notes: Content Summary: Review of Silicon Wafer Vendors for Bipolar & CMOS Integrated Circuits

Box 37, Folder 8 Box 37, Folder 8, ICE Project Number 10007b

ICE Folder Name: Motorola, August 1974
Notes: Content Summary: Review of Silicon Wafer Vendors for Bipolar & CMOS Integrated Circuits

Box 37, Folder 9 Box 37, Folder 9, ICE Project Number 10007c

ICE Folder Name: Motorola, Ft. Lauderdale, Fla. P/Q. No. 1715
Notes: Content Summary: Review of Silicon Wafer Vendors for Bipolar & CMOS Integrated Circuits

Box 37, Folder 10 Box 37, Folder 10, ICE Project Number 10008

ICE Folder Name: ITT, NY
Notes: Content Summary: Fail Safe Analysis Renewal Ignition System

Box 38, Folder 1 Box 38, Folder 1, ICE Project Number 10009
Notes: ICE Folder Name: Open BT Seminar, June 17, 1974

Box 38, Folder 2 Box 38, Folder 2, ICE Project Number 10010

ICE Folder Name: Unicorp mkt. anal. wire bonders P/Q No. 1724
Notes: Content Summary: Report on Wire Bonder Market, July 1974

Box 38, Folder 3 Box 38, Folder 3, ICE Project Number 10011

ICE Folder Name: Bell Aerospace
Notes: Content Summary: LM108AH Precision Operational Amplifier Failure Analysis Report, July 1974

Box 38, Folder 4 Box 38, Folder 4, ICE Project Number 10012a

ICE Folder Name: INTERLEK, INC. P/Q/ No. 1725
Notes: Content Summary: Assembly Plant Layout, July 1974

Box 38, Folder 5	Box 38, Folder 5, ICE Project Number 10012b
	ICE Folder Name: Interlek, August 1974 Notes: Content Summary: Facility Plan for the Assembly of Integrated Circuits
Box 38, Folder 6	Box 38, Folder 6, ICE Project Number 10012c
	ICE Folder Name: Interlek, September 1974 Notes: Content Summary: Trip to the Far-East
Box 38, Folder 7	Box 38, Folder 7, ICE Project Number 10013
	ICE Folder Name: IBM, LA, July 15, 1974 Notes: Content Summary: Consultation of Semi-Conductor Industry
Box 38, Folder 8	Box 38, Folder 8, ICE Project Number 10014
	ICE Folder Name: Interlek, June 30, 1974 Notes: Content Summary: Proposal/Quotation No. 1726
Box 38, Folder 10	Box 38, Folder 10, ICE Project Number 10016
	ICE Folder Name: Eastman Kodak Notes: Content Summary: Call Report 8/27/74
Box 38, Folder 11	Box 38, Folder 11, ICE Project Number 10017a
	ICE Folder Name: Honeywell, July 1974 Notes: Content Summary: Audit of the Hybrid Microelectronic Modules (IMUEE) Program
Box 39, Folder 1	Box 39, Folder 1, ICE Project Number 10017b
	ICE Folder Name: Honeywell, August 1974 Notes: Content Summary: Review of Final Visit to Honeywell, Project Completion
Box 39, Folder 2	Box 39, Folder 2, ICE Project Number 10017c
	ICE Folder Name: Honeywell, June 1974 Notes: Content Summary: Microelectronics Inspection Instruction Change Log
Box 39, Folder 3	Box 39, Folder 3, ICE Project Number 10018
	ICE Folder Name: King Radio, September 1974 Notes: Content Summary: Custom MOS Assembly

Box 39, Folder 4	Box 39, Folder 4, ICE Project Number 10019
	ICE Folder Name: King Radio, August 1974 Notes: Content Summary: Ultrasonic Wire Bonding of Microelectronic Circuits
Box 39, Folder 5	Box 39, Folder 5, ICE Project Number 10020
	ICE Folder Name: NAVAL RESEARCH LABORATORY P/Q No. 1722 Notes: Content Summary: Audit of the NRL Microelectronic Processing Lab, 1974
Box 39, Folder 6	Box 39, Folder 6, ICE Project Number 10021
	ICE Folder Name: NISSHA PRINTING CO., LTD. P/Q #1694 Notes: Content Summary: Summary of Consulting Selection of U.S. Company Project with Nissha, July 1974
Box 39, Folder 7	Box 39, Folder 7, ICE Project Number 10022
	ICE Folder Name: Advanced Memory Systems, Inc. Notes: Content Summary: The Market for CMOS Watch Circuits, September 1974
Box 39, Folder 8	Box 39, Folder 8, ICE Project Number 10023
	ICE Folder Name: Systron Donner Notes: Content Summary: Agreement for Consulting Services
Box 39, Folder 9	Box 39, Folder 9, ICE Project Number 10024a
	ICE Folder Name: Martin Marietta P/Q No. 1735 Notes: Content Summary: Evaluation of Martin-Marietta's Microelectronics Activities
Box 40, Folder 1	Box 40, Folder 1, ICE Project Number 10024b
	ICE Folder Name: Martin Marietta, 1975 Notes: Content Summary: Custom CMOS Vendor Visits and Evaluations
Box 40, Folder 2	Box 40, Folder 2, ICE Project Number 10025
	ICE Folder Name: ITT, September 1974 Notes: Content Summary: Comparison Between Microelectronic Circuits and the Neurons of the Human Brain
Box 40, Folder 3	Box 40, Folder 3, ICE Project Number 10026
	ICE Folder Name: Interlek, Inc. P/Q No. 1740

Notes: Content Summary: Assembly of Bowmar Calculator Kits: Mx 25, Mx 55, Mx 75, Mx 90, and Gold-Plated LED Watches, November 1974

Box 40, Folder 4 Box 40, Folder 4, ICE Project Number 10027

ICE Folder Name: Sun Ventures, December 1974

Notes: Content Summary: Information on Photovoltaic Detectors PVD090F and PVD090FC, and Photodiodes PVD050F and PVD050L; U.S. Patent #3,801,879

Box 40, Folder 5 Box 40, Folder 5, ICE Project Number 10028

ICE Folder Name: Bowmar, November 1974

Notes: Content Summary: Call Reports

Box 40, Folder 6 Box 40, Folder 6, ICE Project Number 10029
Notes: ICE Folder Name: Open SOS Seminar, January 1975

Box 40, Folder 8 Box 40, Folder 8, ICE Project Number 10031
Notes: ICE Folder Name: IBM - BT Seminar

Box 40, Folder 9 Box 40, Folder 9, ICE Project Number 10032
Notes: ICE Folder Name: NELC Seminar

Box 40, Folder 10 Box 40, Folder 10, ICE Project Number 10033a

ICE Folder Name: DRESSER WAYNE Feasibility Study P/Q No. 1760

Notes: Content Summary: Consulting Agreement for Electronic Computing and Display Equipment Design

Box 40, Folder 11 Box 40, Folder 11, ICE Project Number 10033b

ICE Folder Name: Dresser-Wayne

Notes: Content Summary: Agreement for Consulting Services

Box 40, Folder 13 Box 40, Folder 13, ICE Project Number 10035

ICE Folder Name: Marin-Marietta, December 1974

Notes: Content Summary: Microelectronic Technology Tradeoffs

Box 41, Folder 1 Box 41, Folder 1, ICE Project Number 10036

ICE Folder Name: Western Electrics (CODEX MANUAL), 1973

Notes: Content Summary: Technical Manual, High Speed Data Modem

Box 41, Folder 2 Box 41, Folder 2, ICE Project Number 10037

ICE Folder Name: Western Electric, January 1975

	Notes: Content Summary: The Role of Oxide Masking in the U.S. Semiconductor Market
Box 41, Folder 3	Box 41, Folder 3, ICE Project Number 10038
	ICE Folder Name: Western Electric, February 1975 Notes: Content Summary: Calculator - Rockwell's 61R, 20R for Comparison Analysis (Photographs Included)
Box 41, Folder 4	Box 41, Folder 4, ICE Project Number 10039
	ICE Folder Name: NORTEC ELEC. CORP. Design & Layout P/Q No. 1758 Notes: Content Summary: Design and Layout of Digital CMOS Tone Encoder Microcircuits
Box 41, Folder 5	Box 41, Folder 5, ICE Project Number 10040 Notes: ICE Folder Name: BOWMAR - BT Seminar, November 1974
Box 41, Folder 6	Box 41, Folder 6, ICE Project Number 10041
	ICE Folder Name: MARTIN-MARIETTA, February 1975 Notes: Content Summary: Trip Report & Custom CMOS Development Project
Box 41, Folder 9	Box 41, Folder 9, ICE Project Number 10044a
	ICE Folder Name: ESL, Inc. Technology Seminar P/Q No. 1768 Notes: Content Summary: Wafer Technologies - Basic Technology Seminar, 1970
Box 41, Folder 10	Box 41, Folder 10, ICE Project Number 10044b
	ICE Folder Name: ESL, Inc. March 1975 Notes: Content Summary: Semiconductor Industry Analysis & Forecast
Box 41, Folder 11	Box 41, Folder 11, ICE Project Number 10045
	ICE Folder Name: Eastman Kodak Facility Planning P/Q No. 1736 Notes: Content Summary: Consulting Agreement, October 1978
Box 41, Folder 14	Box 41, Folder 14, ICE Project Number 10048
	ICE Folder Name: GTE Lenkurt Facility Study P/ Q No. 1781 Notes: Content Summary: Feasibility Study for Microwave Transistor Production, May 1975
Box 42, Folder 1	Box 42, Folder 1, ICE Project Number 10049

ICE Folder Name: Readex Electronics, Inc. P/Q No. 1783

Notes: Content Summary: Automatic Reading of Utility Meters
Using Radio Transmission & Computer Assimilation,
March 1975

Box 42, Folder 2 Box 42, Folder 2, ICE Project Number 10050

ICE Folder Name: SEACO, May 1975

Notes: Content Summary: From Murray to Dicken, Seaco vs.
Motorola, Case Settled out of CourtBox 42, Folder 4 Box 42, Folder 4, ICE Project Number 10052a
Notes: ICE Folder Name: P/Q No. 1790 GTE Lenkurt Seminar

Box 42, Folder 6 Box 42, Folder 6, ICE Project Number 10053

ICE Folder Name: Microprocessors

Notes: Content Summary: Microprocessor Technology, 1976

Box 42, Folder 8 Box 42, Folder 8, ICE Project Number 10055

ICE Folder Name: Interlek, June 1975

Notes: Content Summary: Confirmation of P/Q 10055

Box 42, Folder 9 Box 42, Folder 9, ICE Project Number 10056a
Notes: ICE Folder Name: SYSTRON DONNER Hybrid Workshop Pr/
Q No. 1773 Content Summary: Model 4831 Detector/Amplifier
- Hybrid Wafer/Circuit, November 1975Box 42, Folder 10 Box 42, Folder 10, ICE Project Number 10056b
Notes: ICE Folder Name: Systron-Donner Hybrid Design Workshop,
July 1975

Box 42, Folder 11 Box 42, Folder 11, ICE Project Number 10056c

ICE Folder Name: Systron-Donner, November 1975

Notes: Content Summary: Hybrid Design Workshop (Includes
Transparencies)

Box 42A Series 16 material, contents unknown

Box 43, Folder 1 Box 43, Folder 1, ICE Project Number 10057a
Notes: ICE Folder Name: P/Q No. 1794 Lockheed Electronics Co.
Microcomputer Eval. Content Summary: Microprocessor Study
on "Alternate Shed-A-Watt," with Extrapolation of Intel's 8080,
1975

Box 43, Folder 2 Box 43, Folder 2, ICE Project Number 10057b

ICE Folder Name: Lockheed Electronics

	Notes: Content Summary: Microprocessor Study, 1975
Box 43, Folder 3	Box 43, Folder 3, ICE Project Number 10058 Notes: Content Summary: San Francisco Trip, July 1975
Box 43, Folder 4	Box 43, Folder 4, ICE Project Number 10059 ICE Folder Name: COIN ACCEPTORS Circuit & Display P/Q No. 1797 Notes: Content Summary: Circuit and Design with Images and Negatives, Eight-Digit Basic Slide Rule Calculators 'Coin Acceptors' JE Bass-Rockwell, 1975
Box 43, Folder 5	Box 43, Folder 5, ICE Project Number 10060 ICE Folder Name: Airborne Instrument, August 1975 Notes: Content Summary: Failure Analysis - Hybrid Die Bonding
Box 43, Folder 6	Box 43, Folder 6, ICE Project Number 10061 ICE Folder Name: Coinductor, 1975 Notes: Content Summary: CMOS Rate Multipliers-Versatile Circuits for Synthesizing Digital Functions
Box 43, Folder 8	Box 43, Folder 8, ICE Project Number 10063a ICE Folder Name: AIRPAX ELECTRONICS P/Q 1801 Notes: Content Summary: Custom Linear Circuits - Evaluation & Layout, 1975
Box 43, Folder 9	Box 43, Folder 9, ICE Project Number 10063b ICE Folder Name: Airpax Electronics P/Q #1807 Notes: Content Summary: Integrated Circuit; Video/Audio Crosspoint, 1975
Box 44, Folder 1	Box 44, Folder 1, ICE Project Number 10064 ICE Folder Name: NORTHERN ELECTRIC P/Q #1808 Notes: Content Summary: IC Impact on World Market; (Includes Transparencies), 1975
Box 44, Folder 2	Box 44, Folder 2, ICE Project Number 10065 ICE Folder Name: Honeywell Notes: Content Summary: A Review of the Colorado Springs Facility of the Solids State Electronic Center, March 1976
Box 44, Folder 3	Box 44, Folder 3, ICE Project Number 10066 ICE Folder Name: SYSTRON-DONNER

Notes: Content Summary: Hybrid Layout Time-Zero, Pioneer/
Venus Probe, 1975

Box 44, Folder 4 Box 44, Folder 4, ICE Project Number 10067

ICE Folder Name: GYREX MTB-1 VOTE TABULATING SYSTEM
Notes: Content Summary: Review of Fairchild Semiconductor,
October 1975

Box 44, Folder 5 Box 44, Folder 5, ICE Project Number 10068

ICE Folder Name: FAIRCHILD P/Q 1809
Notes: Content Summary: Review of Performance & Action;
Including Transparencs & Comments, 1975

Box 44, Folder 6 Box 44, Folder 6, ICE Project Number 10069

ICE Folder Name: FAIRCHILD P/Q 1810
Notes: Content Summary: Instrumentation Opportunities;
Increasing Transient Intelligence, September 1975

Box 44, Folder 7 Box 44, Folder 7, ICE Project Number 10070

ICE Folder Name: ITT-NYC, October 1975
Notes: Content Summary: West Palm Beach IC Design Center
Presentation

Box 44, Folder 8 Box 44, Folder 8, ICE Project Number 10071

ICE Folder Name: Martin-Marietta, October 1975
Notes: Content Summary: Overseas Assembly Center - Off Shore
Assembly - Mono, Hybrid, PC Board

Box 44, Folder 9 Box 44, Folder 9, ICE Project Number 10072

ICE Folder Name: General Electric
Notes: Content Summary: Radiation Tolerance of CMOS on
Sapphire and Integrated Injection Logic (I2L), 1974-1976

Box 45, Folder 1 Box 45, Folder 1, ICE Project Number 10073
Notes: ICE Folder Name: P/Q No. 1812 Ft. Monmouth, NJ BT Seminar

Box 45, Folder 2 Box 45, Folder 2, ICE Project Number 10074a

ICE Folder Name: P/Q No. 1811 EASTMAN KODAK Mask Market Study
Notes: Content Summary: KODAK Microelectronics Products
Consumer Price Schedule, January 1976

Box 45, Folder 3 Box 45, Folder 3, ICE Project Number 10074b

	ICE Folder Name: Eastman Kodak, February 1976 Notes: Content Summary: Emulsion Photoplate Usage for Semiconductor Manufacture
Box 45, Folder 5	Box 45, Folder 5, ICE Project Number 10076a
	ICE Folder Name: Status '76 Notes: Content Summary: Purchasers of Status 1974 and 1975
Box 45, Folder 6	Box 45, Folder 6, ICE Project Number 10076b Notes: Content Summary: Major U.S. Owned Semiconductor Production Facilities
Box 46, Folder 1	Box 46, Folder 1, ICE Project Number 10076c
	ICE Folder Name: Status '76 Notes: Content Summary: 1975 U.S. Electronics Market Statistics
Box 46, Folder 2	Box 46, Folder 2, ICE Project Number 10076d
	ICE Folder Name: Status '76 Notes: Content Summary: The Electronic Watch Market
Box 46, Folder 4	Box 46, Folder 4, ICE Project Number 10078 Notes: ICE Folder Name: Open BT Seminar
Box 46, Folder 5	Box 46, Folder 5, ICE Project Number 10079
	ICE Folder Name: Martin-Marietta Notes: Content Summary: Low-Cost Fabrication and Assembly for CMOS and Quartz Crystal, January 1976
Box 46, Folder 6	Box 46, Folder 6, ICE Project Number 10080
	ICE Folder Name: P/Q No. 1817 SYSTRON DONNER Facilities Study Notes: Content Summary: A Hybrid Facility Study, January 1976
Box 46, Folder 7	Box 46, Folder 7, ICE Project Number 10081
	ICE Folder Name: Honeywell, March 1976 Notes: Content Summary: Honeywell Solid State Study and External Microelectronics Study
Box 46, Folder 8	Box 46, Folder 8, ICE Project Number 10082 Notes: ICE Folder Name: Failure Analysis Seminar
Box 46, Folder 9	Box 46, Folder 9, ICE Project Number 10083

ICE Folder Name: ITT, February 1976

Notes: Content Summary: A Review of the UMC-2000 Energy Flow System Project

Box 47, Folder 1 Box 47, Folder 1, ICE Project Number 10084

ICE Folder Name: Open Status Seminar '76
Notes: Content Summary: Status of Integrated Circuits

Box 47, Folder 2 Box 47, Folder 2, ICE Project Number 10085a

ICE Folder Name: GRUMMANN- References & Reports
Notes: Content Summary: Components 1976

Box 47, Folder 3 Box 47, Folder 3, ICE Project Number 10085b

ICE Folder Name: GRUMMANN- References & Reports
Notes: Content Summary: Conferences on Digital Watches, 197

Box 47, Folder 4 Box 47, Folder 4, ICE Project Number 10085c

ICE Folder Name: GRUMMANN- References & Reports
Notes: Content Summary: Call Reports for First National City Banks 1976

Box 47, Folder 5 Box 47, Folder 5, ICE Project Number 10086

ICE Folder Name: OPEN BT SEMINAR March 2-5, 1976
Notes: Content Summary: Registration Forms for BT Seminar

Box 47, Folder 6 Box 47, Folder 6, ICE Project Number 10087a

ICE Folder Name: HYBRID STATUS
Notes: Content Summary: Hybrid Books 1976

Box 47, Folder 7 Box 47, Folder 7, ICE Project Number- 10087b

ICE Folder Name: HYBRID STATUS
Notes: Content Summary: Survey on Hybrid Microelectronics Industry, 1976

Box 47, Folder 8 Box 47, Folder 8, ICE Project Number 10087c

ICE Folder Name: HYBRID STATUS
Notes: Content Summary: Product Information 1976

Box 48, Folder 1 Box 48, Folder 1, ICE Project Number 100870d

ICE Folder Name: HYBRID STATUS
Notes: Content Summary: Information on Hybrid Industries, 1976

Box 48, Folder 2 Box 48, Folder 2, ICE Project Number 10088

ICE Folder Name: Failure Analysis Sem.
Notes: Content Summary: 1976 Seminar Registrations and Information

Box 48, Folder 3 Box 48, Folder 3, ICE Project Number 10089a

ICE Folder Name: MARTIN MARIETTA- Annual Consulting
Notes: Content Summary: Information on Offshore and Offsite Assembly of Bonded Wires with Attached Die for Dual-Line in CMOS Circuits, 1976

Box 48, Folder 4 Box 48, Folder 4, ICE Project Number 10089b

ICE Folder Name: Martin-Marietta
Notes: Content Summary: Qualifications of Microelectronics Personnel 1976

Box 48, Folder 5 Box 48, Folder 5, ICE Project Number 10090a

ICE Folder Name: STROMBERG - CARLSON
Notes: Content Summary: Cross Point Switch Failures SA-6960 May, 1976

Box 49, Folder 1 Box 49, Folder 1, ICE Project Number 10090b

ICE Folder Name: STROMBERG - CARLSON
Notes: Content Summary: Cross Point Switch Failures for Stromberg 2X2 SN21960, 1960 (Photograph Included)

Box 49, Folder 2 Box 49, Folder 2, ICE Project Number 10091

ICE Folder Name: MOTOROLA
Notes: Content Summary: Basic Technology Seminar on Integrated Circuits (Copies of All Information Included) March 16-19, 1976

Box 49, Folder 4 Box 49, Folder 4, ICE Project Number 10093

ICE Folder Name: ZENITH RADIO CORP.
Notes: Content Summary: Analysis of Bipolar Yield Problems in Wafer Fabrication, May 1976

Box 49, Folder 5 Box 49, Folder 5, ICE Project Number 10094

ICE Folder Name: P/Q No. 1819 GENERAL ELECTRIC Consulting
Notes: Content Summary: March 1976 Proposals for Consulting Services with GE

Box 49, Folder 6	Box 49, Folder 6, ICE Project Number 10095
	ICE Folder Name: TRW Notes: Content Summary: May 6, 1976 Recommendations to Repair 724 Failed Circuits
Box 49, Folder 8	Box 49, Folder 8, ICE Project Number 10097
	Notes: ICE Folder Name: Watch Report
Box 49, Folder 9	Box 49, Folder 9, ICE Project Number 10098
	ICE Folder Name: RAYTHEON Notes: Content Summary: Articles of Sale for ICE and Ness June 1976 (Photograph of Digital Watch Revolution Manual)
Box 49, Folder 10	Box 49, Folder 10, ICE Project Number 10099
	ICE Folder Name: MOS Technology, Inc. Notes: Content Summary: Information on MOS Technologies, 1976
Box 49, Folder 13	Box 49, Folder 13, ICE Project Number 10102
	ICE Folder Name: NORTH ELECTRIC Notes: Content Summary: Failure Analysis of CMOS 4023 Devices (Pictures Included), 1974
Box 50, Folder 1	Box 50, Folder 1, ICE Project Number 10103
	ICE Folder Name: GENERAL ELECTRIC Notes: Content Summary: Transparencies of Electronic Toast-R-Oven (TRO) Control, 1976
Box 50, Folder 2	Box 50, Folder 2, ICE Project Number 10104
	ICE Folder Name: XEROX Notes: Content Summary: Assembly Techniques (Packaging) for Xerox, 1976
Box 50, Folder 3	Box 50, Folder 3, ICE Project Number 10105
	ICE Folder Name: SUN VENTURES Notes: Content Summary: Investigation of Liquid Crystals (Watches, etc.), 1976
Box 50, Folder 4	Box 50, Folder 4, ICE Project Number 10106
	ICE Folder Name: Seminar MEDTRONIC, INC. Notes: Content Summary: Information on Medtronic Inc. 1976

Box 50, Folder 5	Box 50, Folder 5, ICE Project Number 10107
	ICE Folder Name: Kodak Notes: Content Summary: Consulting 1976
Box 50, Folder 6	Box 50, Folder 6, ICE Project Number 10108
	ICE Folder Name: G.E. Notes: Content Summary: Negotiations with Motorola on Pluggable .5 Inch Display
Box 50, Folder 8	Box 50, Folder 8, ICE Project Number 10110
	ICE Folder Name: Status Seminar-Phnx. Notes: Content Summary: Information on Status Reports for Microcomputer Trends, 1976
Box 50, Folder 9	Box 50, Folder 9, ICE Project Number 10111
	ICE Folder Name: BT Seminar - Open Notes: Content Summary: Information on Seminar for Block Diagram of DMA Transfers Cycle Stealing, 1976
Box 50, Folder 10	Box 50, Folder 10, ICE Project Number 10112
	ICE Folder Name: FA Seminar - LB Notes: Content Summary: Failure Analysis Seminar of MOS Processing Steps
Box 51, Folder 1	Box 51, Folder 1, ICE Project Number 10113
	ICE Folder Name: FA Seminar - NY Notes: Content Summary: Failure Analysis Seminar in New York, 1976
Box 51, Folder 2	Box 51, Folder 2, ICE Project Number 10114
	ICE Folder Name: N.E.L.C. Information on Processes Notes: Content Summary: Purchase Information on 5400 Series Transistor Transistor Logic (TTL) Integrated Circuits, 1976
Box 51, Folder 3	Box 51, Folder 3, ICE Project Number 10115 Xref With 10-0061, 10-059 ICE Folder Name: Rockwell International Notes: Content Summary: Product Bulletin; Mosilsi Circuit Series for Eight-Digit Basic Slide Rule Calculator, Keyboard Options - Direct Display Drive; Parallel Processing System (PPS) Single Circuit Microcomputer Series MM77 System Product Description and TMS 1000 Series Data Manual MOS/LSI One-Ship Microcomputers, April 1977 (Transparencies Included)

Box 51, Folder 5	Box 51, Folder 5, ICE Project Number 10117
	ICE Folder Name: READEX Notes: Content Summary: Discussion with Exxon of Power Line System, 1977
Box 51, Folder 6	Box 51, Folder 6, ICE Project Number 10118
	ICE Folder Name: Unlabeled Folder Notes: Content Summary: The L2-8-2 Process Compatibility with Various Levels of Voltage, 1977
Box 51, Folder 8	Box 51, Folder 8, ICE Project Number 10120
	ICE Folder Name: Cherry Electric Co. Notes: Content Summary: Plans on Visit to Xciton to Inspect Line for Fabrication of LED Lights, 1977
Box 51, Folder 9	Box 51, Folder 9, ICE Project Number 10121
	Notes: ICE Folder Name: GE Content Summary: Seminar with Various Processor Developers, 1976
Box 51, Folder 10	Box 51, Folder 10, ICE Project Number 10122
	ICE Folder Name: GE Notes: Content Summary: Requests From GE to ICE to Hold a Seminar on "State-of-the-Art" Integrated Circuits and Assembly, 1976
Box 51, Folder 11	Box 51, Folder 11, ICE Project Number 10123
	ICE Folder Name: IDANTA PARTNERS Notes: Content Summary: Survey to Taft-Pierce Company on the Subject of Separation of Semiconductor Wafers, 1972
Box 51A	Series 16 material, contents unknown
Box 52, Folder 1	Box 52, Folder 1, ICE Project Number 10124
	ICE Folder Name: MARTIN MARIETTA Notes: Content Summary: Urgent Requests for Data on Lockheed Missiles and Space Company, Inc./Missile Systems Division (LMSCI/MSD) Failures, October 1976
Box 52, Folder 2	Box 52, Folder 2, ICE Project Number 10125
	ICE Folder Name: FA Seminar Notes: Content Summary: FA Seminar Material for Failure Analysis on Naval Surface Weapons, 1976

Box 52, Folder 3	Box 52, Folder 3, ICE Project Number 10126
	ICE Folder Name: BT Seminar Oct.5-8 Notes: Content Summary: Receipts for Seminar and Accommodations, 1976
Box 52, Folder 4	Box 52, Folder 4, ICE Project Number 10127
	ICE Folder Name: FA Seminar Notes: Content Summary: Information on Low Noise and Low Power CMOS I2L
Box 52, Folder 5	Box 52, Folder 5, ICE Project Number 10128
	ICE Folder Name: F.A. Seminar Notes: Content Summary: Cancellation Correspondence for November 10-11, 1976 Seminar
Box 52, Folder 6	Box 52, Folder 6, ICE Project Number 10129
	ICE Folder Name: Hybrid Seminar Notes: Content Summary: Technical Reviews of Thin-Film, Thick-Film, and Compatible Techniques, 1976
Box 52, Folder 7	Box 52, Folder 7, ICE Project Number 10130
	ICE Folder Name: Microprocessor Seminar Notes: Content Summary: Seminar on Microprocessors for Management Applications, 1976
Box 52, Folder 8	Box 52, Folder 8, ICE Project Number 10131
	ICE Folder Name: BT Seminar Notes: Content Summary: Seminar on Basic Technology, 1976
Box 52, Folder 9	Box 52, Folder 9, ICE Project Number 10132
	ICE Folder Name: FA Seminar 12/16-17 Notes: Content Summary: Seminar on Receipts for AZ Seminar, 1976
Box 52, Folder 10	Box 52, Folder 10, ICE Project Number 10133
	ICE Folder Name: S.F. Failure Analysis seminar Notes: Content Summary: Seminar on Wafer Failure, 1976
Box 52, Folder 12	Box 52, Folder 12, ICE Project Number 10135
	ICE Folder Name: P/Q No. 1849 Mil. Market Synertek

Notes: Content Summary: Layout Rules and Electrical Design Parameters of Microprocessors, 1977

Box 52, Folder 14 Box 52, Folder 14, ICE Project Number 10137

ICE Folder Name: S&CElectric

Notes: Content Summary: Photograph of Zero Voltage Point Mil Std-883, 1976

Box 52, Folder 16 Box 52, Folder 16, ICE Project Number 10139

ICE Folder Name: MARTIN MARIETTA

Notes: Content Summary: Bill for Consulting Work to Martin-Marietta, 1976

Box 53, Folder 1 Box 53, Folder 1, ICE Project Number 10140

ICE Folder Name: I.T.T.

Notes: Content Summary: Semiconductor Considerations for the "ONE-WIRE" Car, 1976

Box 53, Folder 2 Box 53, Folder 2, ICE Project Number 10141

ICE Folder Name: P/Q No. 1850 N.E.L.C. Wirebonder Study

Notes: Content Summary: Market Surveys of Wire Bonders and Pull Testers from 1976 to 1980, Contract No. N00953-76-M-4528, 1976

Box 53, Folder 3 Box 53, Folder 3, ICE Project Number 10142

ICE Folder Name: P/Q No.1846 General Electric Microprocessor Influence

Notes: Content Summary: Request Form GE Semiconductor Products Division to Review the Effects of Microprocessor Application on GE-Served Discrete Semiconductor Component Market, 1976

Box 53, Folder 4 Box 53, Folder 4, ICE Project Number 10143

ICE Folder Name: P/Q No. 1857 GRANGER ASSOC. QA Consulting

Notes: Content Summary: Consulting on Production, 1976

Box 54, Folder 1 Box 54, Folder 1, ICE Project Number 10144

ICE Folder Name: P/Q #1862 McDonnell DOUGLAS ASTRO. Far-Out Space Study.

Notes: Content Summary: Semiconductor Material Manufacture in Space Versus that on Earth Effect or Yield of Wafer Material with Superior Mechanical and Electrical

Characteristics and The Bandix Corporation 1975 Annual
Report, 1976 (Transparencies Included)

Box 54, Folder 2 Box 54, Folder 2, ICE Project Number 10145

ICE Folder Name: SPERRY-UNIVAC
Notes: Content Summary: Availability of Sub-Nanosecond Emitter
Coupled Logic (SNECL) Based on Fairchild Isoplanner II
Process, 1976

Box 54, Folder 3 Box 54, Folder 3, ICE Project Number 10146

ICE Folder Name: GENERAL ELECTRIC CO. P/Q No. 1866
Notes: Content Summary: Design of Digital Scale Electronic
System (Blueprints Included), 1976

Box 54, Folder 5 Box 54, Folder 5, ICE Project Number 10148a

ICE Folder Name: Cutler-Hammer
Notes: Content Summary: Base Junction Determination, 1976
(Blueprints and Reference Materials Included)

Box 54, Folder 6 Box 54, Folder 6, ICE Project Number 10148b

ICE Folder Name: Cutler-Hammer
Notes: Content Summary: Base Junction Determination, 1976

Box 54, Folder 7 Box 54, Folder 7, ICE Project Number 10149

ICE Folder Name: GENERAL ELECTRIC
Notes: Content Summary: Review on Submicron Technologies,
1977

Box 55, Folder 1 Box 55, Folder 1, ICE Project Number 10150

ICE Folder Name: P/Q 1871 ELGIN ELECTRONICS, Inc. Layout and
Design
Notes: Content Summary: Plans for a 16 Pin Dual In-line "ICLF",
1977 (Photographs Included)

Box 55, Folder 2 Box 55, Folder 2, ICE Project Number 10151a

ICE Folder Name: P/Q 1869 General Electric CB Radios
Notes: Content Summary: Proposal for Trends in Citizen's Band
(CB) Radios, 1976

Box 55, Folder 3 Box 55, Folder 3, ICE Project Number 10151b

ICE Folder Name: P/Q 1869 General Electric CB Radios
Notes: Content Summary: Proposal for Trends in CB Radios, 1976

Box 55, Folder 4	Box 55, Folder 4, ICE Project Number 10152
	ICE Folder Name: F.A Seminar Cancelled Notes: Content Summary: Cancellation Notices for FA Seminar Oct 20-21, 1976
Box 55, Folder 5	Box 55, Folder 5, ICE Project Number 10153a
	ICE Folder Name: NELC P/Q No. 1858 Notes: Content Summary: Application of Sub-Micron Technology to ICE, 1976
Box 56, Folder 1	Box 56, Folder 1, ICE Project Number 10153b
	ICE Folder Name: NELC P/Q No. 1858 Notes: Content Summary: Application of Sub-Micron Technology to ICE, 1976
Box 56, Folder 2	Box 56, Folder 2, ICE Project Number 10154
	ICE Folder Name: P/Q #1876 DATA PRODUCTS CORPORATION Product Analysis Notes: Content Summary: Product Analysis of Selected 74LS Components, 1976
Box 56, Folder 3	Box 56, Folder 3, ICE Project Number 10155
	ICE Folder Name: P/Q # 1873 Hearing Health Group Circuit Layout Notes: Content Summary: Reports on a Hearing Aid Amplifier 43B00511, 1976
Box 56, Folder 4	Box 56, Folder 4, ICE Project Number 10156
	ICE Folder Name: Honeywell, Inc. Proposal #1832 Notes: Content Summary: Plans for a Semiconductor Seminar
Box 56, Folder 5	Box 56, Folder 5, ICE Project Number 10157a
	ICE Folder Name: Granger Associates Notes: Content Summary: Information on Solid-state Component Procurement and Incoming Quality Assurance for Granger Associates, 1976
Box 56, Folder 6	Box 56, Folder 6, ICE Project Number 10157b
	ICE Folder Name: Granger Associates Notes: Content Summary: Solid-state Component Procurement and Incoming Quality Assurance, 1976
Box 57, Folder 1	Box 57, Folder 1, ICE Project Number 10158

ICE Folder Name: P/Q 1877A GENERAL ELECTRIC Mixer
Notes: Content Summary: Offer of a Solid-state Timer and to Alter the Ceramic Substrate to a Printed Circuit Board for the Model 420A Mixer, 1976

Box 57, Folder 2 Box 57, Folder 2, ICE Project Number 10159

ICE Folder Name: SIMCO
Notes: Content Summary: Review of the Burn-In Environmental Testing for SIMCO Electronics, 1976

Box 57, Folder 3 Box 57, Folder 3, ICE Project Number 10160

ICE Folder Name: P/Q #1886 ITT SEMICONDUCTORS Layout of LS139
Notes: Content Summary: Contracts for the Production of LS139, 1976

Box 57, Folder 4 Box 57, Folder 4, ICE Project Number 10161

ICE Folder Name: MEDTRONIC
Notes: Content Summary: Correspondence of Electrostatic Problems on Rate-Adjustable Xytrons, 1977

Box 57, Folder 5 Box 57, Folder 5, ICE Project Number 10162

ICE Folder Name: OPPENHEIMER
Notes: Content Summary: Contract for Consulting Service to Oppenheimer & Co.

Box 57, Folder 8 Box 57, Folder 8, ICE Project Number 10165a

ICE Folder Name: TRW P/Q No. 1903
Notes: Content Summary: Contracts for Consulting Services for TRW and Photographs of Various Chips 724II, 1977

Box 57, Folder 9 Box 57, Folder 9, ICE Project Number 10165b

ICE Folder Name: TRQ P/Q No. 1903
Notes: Content Summary: Consulting Services for TRW (Photographs Included)

Box 58, Folder 1 Box 58, Folder 1, ICE Project Number 10166

ICE Folder Name: P/Q No. 1882 DATA PRODUCTS CORP. Product Analysis
Notes: Content Summary: Fact Finding on 74ls07, 74LS37, 74LS74, 74LS136, 74LS259, 74LS367, 74LS181, 74LS193 (Photographs Included) 1977

Box 58, Folder 2 Box 58, Folder 2, ICE Project Number 10167

ICE Folder Name: P/Q No. 1901 General Electric Status Seminar
Notes: Content Summary: Information on a Special Seminar for
IC Industry, 1977

Box 58, Folder 3 Box 58, Folder 3, ICE Project Number 10168

ICE Folder Name: P/Q # 1881 MEMOREX CORP. Seminar
Notes: Content Summary: Seminar on Circuits Interface, 1977

Box 58, Folder 4 Box 58, Folder 4, ICE Project Number 10169

ICE Folder Name: WEMA
Notes: Content Summary: Effect of DIE Size, 1977

Box 58, Folder 5 Box 58, Folder 5, ICE Project Number 10170

ICE Folder Name: FA Sem. Jan 19-20
Notes: Content Summary: List of People Attending Seminar, 1977

Box 58A Series 16 material, contents unknown

Box 59, Folder 1 ICE Project Number 10171
Notes: ICE Folder Name: P/Q No. 1878 ALLIED CHEMICAL SOS
STUDY Content Summary: Request for a Silicon On Sapphire
(SOS) Wafer Market Study by Materials Research Dept., 1977

Box 59, Folder 2 Box 59, Folder 2, ICE Project Number 10172

ICE Folder Name: PERKIN-ELMER
Notes: Content Summary: Details on the Productivity of
SUBMICRON Technologies, 1977

Box 59, Folder 3 Box 59, Folder 3, ICE Project Number 10173a

ICE Folder Name: Untitled
Notes: Content Summary: Program Files for I2L, 1977

Box 59, Folder 4 Box 59, Folder 4, ICE Project Number 10173b

ICE Folder Name: I2L References
Notes: Content Summary: Information on Facilities of I2L, 1977

Box 59, Folder 5 Box 59, Folder 5, ICE Project Number 10173c

ICE Folder Name: Transparencies for Wafer Circuit
Notes: Content Summary: Series of Transparencies of Electronic
Beam, 1977

Box 59, Folder 6 Box 59, Folder 6, ICE Project Number 10173d

ICE Folder Name: Integrated Injection Logic I2L
Notes: Content Summary: Background Information on I2L, 1977

Box 60, Folder 1 Box 60, Folder 1, ICE Project Number 10174a

ICE Folder Name: Grumman/Cowen
Notes: Content Summary: Reference on Random Access Memory (RAM) in 64K, 16K, and 4K, 1977

Box 60, Folder 2 Box 60, Folder 2, ICE Project Number 10174b

ICE Folder Name: Grumman/Cowan
Notes: Content Summary: RAM in 64K, 16K, and 4K, 1977

Box 60, Folder 5 Box 60, Folder 5, ICE Project Number 10177

ICE Folder Name: P/Q Number 1902 ADERA (FRANCE) FA&BT Seminar
Notes: Content Summary: Failure Analysis Seminar for ADERA-FRANCE, 1977

Box 60, Folder 7 Box 60, Folder 7, ICE Project Number 10179

ICE Folder Name: Martin-Marietta
Notes: Content Summary: Information on the Future of Tape for Automated Bonding in the Hybrid Industry, 1977

Box 61, Folder 1 Box 61, Folder 1, ICE Project Number 10180

ICE Folder Name: PERKIN-ELMER P/Q No.1904
Notes: Content Summary: Perkin-Elmer Mask Alignment Equipment, 1977

Box 61, Folder 2 Box 61, Folder 2, ICE Project Number 10181a

ICE Folder Name: STATUS '77 Seminar Feb. 16
Notes: Content Summary: Comprehensive Information on Projects Through ICE up to Feb 1977

Box 61, Folder 3 Box 61, Folder 3, ICE Project Number 10181b
Notes: ICE Folder Name: STATUS '77 Seminar

Box 61, Folder 4 Box 61, Folder 4, ICE Project Number 10182

ICE Folder Name: F.A. Sem. 2/9-10/77 Cancelled
Notes: Content Summary: Cancellation Notice for February 9 and 10, 1977 Failure Analysis Seminar

Box 61, Folder 5 Box 61, Folder 5, ICE Project Number 10183a

ICE Folder Name: Submicron Technology

	Notes: Content Summary: Notification of Project Stallings in Raytheon X-ray Sources, 1977
Box 62, Folder 1	Box 62, Folder 1, ICE Project Number 10183b
	ICE Folder Name: Untitled Notes: Content Summary: Information for Project with Military/Aerospace Market, 1977
Box 62, Folder 2	Box 62, Folder 2, ICE Project Number 10183c
	ICE Folder Name: STATUS 1977 Notes: Content Summary: Data for GI Monolithic MOS IC, 1977
Box 62, Folder 3	Box 62, Folder 3, ICE Project Number 10183d
	ICE Folder Name: STATUS '77 Notes: Content Summary: Various Information on Supplier Positions, 1977
Box 63, Folder 1	Box 63, Folder 1, ICE Project Number 10184
	ICE Folder Name: GRANGER FAILURE ANALYSIS Notes: Content Summary: Confidential Report on Purchase Order W-21084 Failure Analysis of Integrated Circuits Packaged in Plastic Packages, 1977
Box 63, Folder 2	Box 63, Folder 2, ICE Project Number 10185
	ICE Folder Name: MARTIN- MARIETTA Notes: Content Summary: Report on Job Classification Yields and Cost Effectiveness, 1977
Box 63, Folder 3	Box 63, Folder 3, ICE Project Number 10186
	ICE Folder Name: EASTMAN KODAK P/Q No. 1911 Notes: Content Summary: Request by Eastman Kodak for Silicon Wafer Usage by Other Semiconductor Companies as a Function of Technology, 1977
Box 63, Folder 5	Box 63, Folder 5, ICE Project Number 10188
	ICE Folder Name: IDANTA PARTNERS Notes: Content Summary: Correspondence Over Micro Automation G-2 Process, 1977
Box 63, Folder 6	Box 63, Folder 6, ICE Project Number 10189
	ICE Folder Name: Consolidated Frtwys.

	Notes:	Content Summary: Consultation Agreement Between ICE and Consolidated Freightways, 1977
Box 63, Folder 7	Box 63, Folder 7, ICE Project Number 10190	
	ICE Folder Name: BT Seminar Apr. 19-22	
	Notes:	Content Summary: Registration Information for BT Seminar, April 19-22, 1977
Box 64, Folder 1	Box 64, Folder 1, ICE Project Number 10191	
	ICE Folder Name: FA Seminar, Mar. 9-10	
	Notes:	Content Summary: Registration Information Regarding an FA Seminar, March 9-10, 1977
Box 64, Folder 2	Box 64, Folder 2, ICE Project Number 10192	
	ICE Folder Name: FA Seminar, Apr. 13-14	
	Notes:	Content Summary: Registration Information Regarding an FA Seminar, April 13-14, 1977
Box 64, Folder 3	Box 64, Folder 3, ICE Project Number 10193	
	ICE Folder Name: Untitled	
	Notes:	Content Summary: Economic Issues of ICE and Status Seminar, 1978
Box 64, Folder 4	Box 64, Folder 4, ICE Project Number 10194	
	ICE Folder Name: (VSC) Cambridge Research	
	Notes:	Content Summary: Contractual Information for ICE and Cambridge Research, 1977
Box 65, Folder 1	Box 65, Folder 1, ICE Project Number 10195	
	ICE Folder Name: P/Q# 1917 - DATAPRODUCTS F.A> on 144-Bit Register	
	Notes:	Content Summary: Failure Analysis of 144-bit mask programmable shift registers in an 8-pin epoxy package MM5060 from National Semiconductor and TMS 3132 from Texas Instruments, 1977 (Photographs Chips Included)
Box 65, Folder 2	Box 65, Folder 2, ICE Project Number 10196	
	ICE Folder Name: ESSEX WIRE CO	
	Notes:	Content Summary: Design rules and suggested vendors for N-channel silicon gate depletion load MOS fabrication. 1977
Box 65, Folder 3	Box 65, Folder 3, ICE Project Number 10197	

	ICE Folder Name: King Radio Notes: Content Summary: Request for Consulting from ICE, 1977
Box 65, Folder 4	Box 65, Folder 4, ICE Project Number 10198a
	ICE Folder Name: XEROX CORPORATION P/Q No. 1945 Notes: Content Summary: Xerox Corporation Purchase Order No. 501488-56 Consultant Agreement
Box 65, Folder 5	Box 65, Folder 5, ICE Project Number 10198b
	ICE Folder Name: XEROX CORPORATION P/Q No. 1956 Notes: Content Summary: Completion of Project No. 10198 and New Business, 1977
Box 66, Folder 1	Box 66, Folder 1, ICE Project Number 10199 Notes: ICE Folder Name: STATUS Sem. Mar. 30 (Aboard Q. Mary)
Box 66, Folder 2	Box 66, Folder 2, ICE Project Number 10200
	ICE Folder Name: BURROUGHS CORPORATION P/Q No. 1913 Notes: Content Summary: Submicron Technology
Box 66, Folder 3	Box 66, Folder 3, ICE Project Number 10201
	ICE Folder Name: HONEYWELL, INC. P/Q No. 1942 Notes: Content Summary: Submicron Technology: A Review of its Impact on the Electronics Industry
Box 66, Folder 4	Box 66, Folder 4, ICE Project Number 10202
	ICE Folder Name: BT Book - 8th Edition Notes: Content Summary: Integrated Circuit Technology Book, January 1977 (Objects Included)
Box 66, Folder 5	Box 66, Folder 5, ICE Project Number 10203 Notes: ICE Folder Name: BT Seminar - Honeywell/Plymouth MN. Apr. 4-7
Box 66, Folder 6	Box 66, Folder 6, ICE Project Number 10204
	ICE Folder Name: ITT - Submicron Notes: Content Summary: Submicron Technology: A Review of its Impact on the Electronics Industry, 1977
Box 66, Folder 7	Box 66, Folder 7, ICE Project Number 10205
	ICE Folder Name: EASTMAN KODAK - CUSTOM DESIGN SEM. P/Q#1928 Notes: Content Summary: Custom LSI Design Seminar, 1977

Box 66, Folder 9 Box 66, Folder 9, ICE Project Number 10207

ICE Folder Name: F/A LAB PROJECT

Notes: Content Summary: Pacific Reliability Corporation:
Screening and Testing Semiconductors

Box 66, Folder 10 Box 66, Folder 10, ICE Project Number 10208

ICE Folder Name: CUSTOM DEVICES

Notes: Content Summary: Failure Analysis Report on 1N4148
Diodes, March 1977

Box 67, Folder 1 Box 67, Folder 1, ICE Project Number 10209a

ICE Folder Name: Motorola

Notes: Content Summary: Summarized Failure Mode/Mechanism
Data

Box 67, Folder 2 Box 67, Folder 2, ICE Project Number 10209b

ICE Folder Name: Motorola

Notes: Content Summary: Rough Draft - Chapter 7

Box 67, Folder 3 Box 67, Folder 3, ICE Project Number 10209c

ICE Folder Name: Motorola

Notes: Content Summary: Chemical and Intermetallic Interactions

Box 67, Folder 5 Box 67, Folder 5, ICE Project Number 10211

Notes: ICE Folder Name: F/A SEMINAR - Scottsdale May 11-12, 1977
Project No. 10211

Box 67, Folder 6 Box 67, Folder 6, ICE Project Number 10212

Notes: ICE Folder Name: Project No. 10212 - F/A Seminar May 25-26
- Santa Clara, CA

Box 68, Folder 1 Box 68, Folder 1, ICE Project Number 10213

ICE Folder Name: NEC P/Q No. 1912

Notes: Content Summary: Submicron Briefing and IC Status '77

Box 68, Folder 2 Box 68, Folder 2, ICE Project Number 10214

ICE Folder Name: 1925 SPRINGFIELD INSTRUMENT CO., INC.

Notes: Content Summary: Feasibility Study & Preliminary Design
of Electronic Weather Station

Box 68, Folder 3 Box 68, Folder 3, ICE Project Number 10215a

ICE Folder Name: RADDC Product Analysis

	Notes:	Content Summary: Amendment of Solicitation/Modification of Contract, June 1977
Box 68, Folder 4	Box 68, Folder 4, ICE Project Number 10215b	
	ICE Folder Name: P/Q No. 1972 - RADC - "PRODUCT EVALUATION OF MICROPROCESSOR SUPPORT DEVICES"	
	Notes:	Content Summary: Preliminary Reports on the M8212, M8224, M8228, and M8251
Box 68, Folder 5	Box 68, Folder 5, ICE Project Number 10215c	
	ICE Folder Name: RADC Product Evaluation	
	Notes:	Content Summary: Product Evaluation Reports on the circuit type C8257 4 channel Direct Memory Access (DMA) controller, Am2915, Am2916, and Am2917 quad-high speed LSI bus Transceivers, and MC6854 Motorola Advanced Data Link Controller.
Box 69, Folder 1	Box 69, Folder 1, ICE Project Number 10215d	
	ICE Folder Name: RADC Product Evaluation	
	Notes:	Content Summary: Product Evaluation Reports on the Intel C8255 general purpose programmable I/O device designed for use with the 8008, 8080, 8085 microprocessors, Intel 8259 Priority Interrupt Controller, and Motorola MX6840 Programmable Timer Module for M6800 family designed to provide system time intervals; (Photos and Objects Included Throughout)
Box 69, Folder 2	Box 69, Folder 2, ICE Project Number 10216a	
	ICE Folder Name: COIN ACCEPTORS	
	Notes:	Content Summary: Coinductor Acceptor System Definition No.10216
Box 69, Folder 3	Box 69, Folder 3, ICE Project Number 10216b	
	ICE Folder Name: Coin Acceptors P/Q No. 1952 Coinductor Acceptor System Definition	
	Notes:	Content Summary: Preliminary Draft of Coinductors Acceptor System Definition, June 1977
Box 69, Folder 4	Box 69, Folder 4, ICE Project Number 10217	
	ICE Folder Name: ITT - "YORKGUARD"	
	Notes:	Content Summary: Split-system Heat Pump, 1977
Box 70, Folder 1	Box 70, Folder 1, ICE Project Number 10218	

	ICE Folder Name: CHERRY ELECTRICAL PRODUCTS CORP P/Q No. 1957 Notes: Content Summary: Micro Components Corporation Evaluation (Photographs Included), 1977
Box 70, Folder 2	Box 70, Folder 2, ICE Project Number 10219
	ICE Folder Name: P/Q #1954 CARDIAC PACEMAKERS, INC. Cust. Circ. Leak. Prob. Notes: Content Summary: Investigation of Custom Circuit Leakage Problem, April 1977
Box 70, Folder 3	Box 70, Folder 3, ICE Project Number 10220 Notes: ICE Folder Name: GENERAL ELECTRIC COMPANY F/A SEMINAR - May 18-19 SYRACUSE, NY
Box 70, Folder 4	Box 70, Folder 4, ICE Project Number 10221a Notes: ICE Folder Name: BT SEMINAR - Oct. 26-28 SCOTTSDALE
Box 70, Folder 5	Box 70, Folder 5, ICE Project Number 10221b Notes: ICE Folder Name: BT SEMINAT - Oct 26-28 SCOTTSDALE
Box 70, Folder 6	Box 70, Folder 6, ICE Project Number 10222
	ICE Folder Name: CAD Notes: Content Summary: ICECAP Version: WM - 03 Program Manual, 1977
Box 70, Folder 7	Box 70, Folder 7, ICE Project Number 10223 Notes: Content Summary: Restraining Order, GI and Dionics (Objects and Photographs Included)
Box 71, Folder 1	Box 71, Folder 1, ICE Project Number 10223a
	ICE Folder Name: SOLITRON DEVICES Notes: Content Summary: Solitron San Diego Business Plan Fiscal 1976
Box 71, Folder 2	Box 71, Folder 2, ICE Project Number 10223b
	ICE Folder Name: SOLITRON DEVICES P/Q No. 1965 Notes: Content Summary: Selling the Solitron Devices Semiconductor Facility in San Diego, CA, May 1977
Box 71, Folder 3	Box 71, Folder 3, ICE Project Number 10225
	ICE Folder Name: MICRO COMPONENTS CORPORATION P/Q No. 1969 Notes: Content Summary: Utilization of Services on Yield Improvement

Box 71, Folder 4	Box 71, Folder 4, ICE Project Number 10226 Notes: ICE Folder Name: P/Q No. 1960 - INFOMAG SSI Integrated Circuit Analysis/Seminar
Box 71, Folder 5	Box 71, Folder 5, ICE Project Number 10227a ICE Folder Name: PHILCO/MEXICO-FEASIBILITY STUDY Notes: Content Summary: Market Study of Mexico and Latin America in the Area of Semiconductor Integrated Circuits for Philco Mexico
Box 72, Folder 1	Box 72, Folder 1, ICE Project Number 10227b ICE Folder Name: PHILCO/Mexico - IC Facility Study P/Q#1926 Notes: Content Summary: Philco-Mexico Reports, Charts, and Graphs
Box 72, Folder 2	Box 72, Folder 2, ICE Project Number 10228 Notes: ICE Folder Name: PROJECT NO. 10228 F/A SEMINAR JULY 13-14- ROYAL INN-SAN DIEGO, CA
Box 72, Folder 3	Box 72, Folder 3, ICE Project Number 10229a Notes: ICE Folder Name: STATUS SEMINAR-AUG.10 RICKEY'S HYATT HOUSE, PALO ALTO, CA
Box 72, Folder 4	Box 72, Folder 4, ICE Project Number 10229b ICE Folder Name: Status Seminar Notes: Content Summary: Rough Draft of Report
Box 72, Folder 5	Box 72, Folder 5, ICE Project Number 10230 ICE Folder Name: HANDS ON TRAINING PROGRAM Notes: Content Summary: "Hands On" Silicon Wafer Fab Training Program, June 1977
Box 72, Folder 6	Box 72, Folder 6, ICE Project Number 10231 Notes: ICE Folder Name: F/A SEMINAR-SEPT. 7-8 SEATTLE, WA
Box 73, Folder 1	Box 73, Folder 1, ICE Project Number 10232 Notes: ICE Folder Name: F/A SEMINAR SEPT. 14-15-LA, CA
Box 73, Folder 2	Box 73, Folder 2, ICE Project Number 10233 Notes: ICE Folder Name: F/A SEMINAR OCT. 19-20 - SCOTTSDALE
Box 73, Folder 3	Box 73, Folder 3, ICE Project Number 10234 Notes: ICE Folder Name: F/A Seminar - Nov. 9-10 LeBaron Hotel San Jose, Calif.
Box 73, Folder 4	Box 73, Folder 4, ICE Project Number 10235

	Notes: ICE Folder Name: MICROPROCESSORS FOR MANAGEMENT SEMINAR, Dec. 1, 1977
Box 73, Folder 5	Box 73, Folder 5, ICE Project Number 10236 Notes: ICE Folder Name: F/A Seminar - Dec. 7-8 Scottsdale
Box 74, Folder 1	Box 74, Folder 1, ICE Project Number 10237a ICE Folder Name: ITT - Automotive Sensors P/Q# 1915A Notes: Content Summary: Automotive Sensor Study Program, March 1977 (Photographs Included)
Box 74, Folder 2	Box 74, Folder 2, ICE Project Number 10237b ICE Folder Name: ITT - Automotive Sensors Notes: Content Summary: Automotive Sensor Requirements
Box 74, Folder 3	Box 74, Folder 3, ICE Project Number 10237c Notes: ICE Folder Name: ITT - Automotive Sensors
Box 74, Folder 4	Box 74, Folder 4, ICE Project Number 10238 ICE Folder Name: I2L TECHNICAL EVALUATION SEMINAR & Publication, May 1977 Notes: Content Summary: Photographs Included
Box 74, Folder 5	Box 74, Folder 5, ICE Project Number 10239 ICE Folder Name: CHERRY ELECTRICAL PRODUCTS P/Q No. 1964 Notes: Content Summary: The Market and Application of Semiconductor Technology to Sensors, July 1977
Box 75, Folder 1	Box 75, Folder 1, ICE Project Number 10240 ICE Folder Name: P/Q 1916 - MONSANTO Design IC Chip Notes: Content Summary: Transferring all Rights to all Tooling of the Mask Set ICE-775 in the form of four test tapes, May 1977
Box 75, Folder 2	Box 75, Folder 2, ICE Project Number 10241 Notes: ICE Folder Name: P/Q #1976 PANASONIC COMPANY Personalized Seminar
Box 75, Folder 3	Box 75, Folder 3, ICE Project Number 10242 Notes: ICE Folder Name: ITT Tape Bonding Seminar, June 1977
Box 75, Folder 4	Box 75, Folder 4, ICE Project Number 10243a ICE Folder Name: P/Q #1987 CARDIAC PACEMAKERS Design of 32 KHZ I.C.

	Notes: Content Summary: Custom Circuits Using 32 KHZ Crystal, June 1977
Box 75, Folder 5	Box 75, Folder 5, ICE Project Number 10243b
	ICE Folder Name: P/Q #1979 CARDIAC PACEMAKERS, INC. REDESIGN OF CPI I.C. Notes: Content Summary: Report on Performance of Defective Nor Gate and the Characteristics of the Input Protection Scheme, June 1977.
Box 75, Folder 6	Box 75, Folder 6, ICE Project Number 10243c
	ICE Folder Name: P/Q No. 2014 CARDIAC PACEMAKERS Surveillance of AMI Notes: Content Summary: Redesign of Linear Circuit for Eventual Integration, September 1977
Box 75, Folder 7	Box 75, Folder 7, ICE Project Number 10244
	ICE Folder Name: PERKING-ELMER AUTO ALIGNMENT MASK ALIGNER STUDY Notes: Content Summary: Microalign Autoalign Review, July 1977
Box 75, Folder 8	Box 75, Folder 8, ICE Project Number 10245a
	ICE Folder Name: P/Q No. 1980 ESSEX-EEC II COST & TECHNICAL EVALUATION Notes: Content Summary: Evaluation of Cost and Technical Improvements for Electronic Engine Control II (EEC II) for Ford Motor Company, June 1977
Box 76, Folder 1	Box 76, Folder 1, ICE Project Number 10245b
	ICE Folder Name: Essex Group EEC II Cost & Technical Evaluation Notes: Content Summary: Cost Analysis of the Toshiba EEC II production for use in 1979-1980 Ford Motor Company September 1977
Box 76, Folder 2	Box 76, Folder 2, ICE Project Number 10245c
	ICE Folder Name: Essex Group EE II Cost & Technical Evaluation Notes: Content Summary: Position and Default Detector Device, May 1977
Box 76, Folder 3	Box 76, Folder 3, ICE Project Number 10246
	ICE Folder Name: P/Q No. 1982 ESSEX- IC PACKAGING Notes: Content Summary: Report on Tape Automated Bonding, August 1977

Box 76, Folder 4	Box 76, Folder 4, ICE Project Number 10247 Notes: ICE Folder Name: Hearing Health Mask Revision
Box 76, Folder 5	Box 76, Folder 5, ICE Project Number 10248a ICE Folder Name: WORLD BANK (KOREA) REPORT FOR PREPARATION MISSION /IBRD Notes: Content Summary: Status of the Korean Semiconductor Industry, March 1978
Box 77, Folder 1	Box 77, Folder 1, ICE Project Number 10248b ICE Folder Name: WORLD BANK (KOREA) CORRESPONDENCE Notes: Content Summary: Consulting Agreement, August 1977
Box 77, Folder 2	Box 77, Folder 2, ICE Project Number 10248c ICE Folder Name: WORLD BANK (KOREA) GRM TRIPS (VARIOUS) Notes: Content Summary: Training and Evaluation Program, 1977
Box 77, Folder 3	Box 77, Folder 3, ICE Project Number 10248d ICE Folder Name: WORLD BANK (KOREA) GRM TRIPS (VARIOUS) Notes: Content Summary: Training and Evaluation Program, 1977
Box 78, Folder 1	Box 78, Folder 1, ICE Project Number 10248e ICE Folder Name: WORLD BANK (KOREA) Notes: Content Summary: Research and Development for Semiconductor & Systems Industry, July 1977
Box 78, Folder 2	Box 78, Folder 2, ICE Project Number 10248f ICE Folder Name: WORLD BANK (KOREA) Notes: Content Summary: Four-Year Business Planning Folders
Box 78, Folder 3	Box 78, Folder 3, ICE Project Number 10248g ICE Folder Name: WORLD BANK (KOREA) Notes: Content Summary: Action/ Draft/Copy KIET Program Review, July 1977
Box 78, Folder 4	Box 78, Folder 4, ICE Project Number 10248h ICE Folder Name: WORLD BANK (KOREA) Notes: Content Summary: Correspondence 1978 I
Box 79, Folder 1	Box 79, Folder 1, ICE Project Number 10248i ICE Folder Name: WORLD BANK (KOREA)

Notes: Content Summary: Correspondence 1978 II

Box 79, Folder 2 Box 79, Folder 2, ICE Project Number 10248j

ICE Folder Name: WORLD BANK (KOREA)
Notes: Content Summary: Correspondence 1978 III

Box 79, Folder 3 Box 79, Folder 3, ICE Project Number 10248k

ICE Folder Name: WORLD BANK (KOREA)
Notes: Content Summary: Correspondence 1978 IV

Box 79, Folder 4 Box 79, Folder 4, ICE Project Number 10248l

ICE Folder Name: WORLD BANK (KOREA)
Notes: Content Summary: Request for Funds for Establishment of the Korea Electronic Communication Research Institute & Gold Star Wafer-Fab Program, March 1977

Box 80, Folder 1 Box 80, Folder 1, ICE Project Number 10248m

ICE Folder Name: WORLD BANK (KOREA)
Notes: Content Summary: (I) SC Div/ (II) Design Div/ (III) Sys. Div.

Box 80, Folder 2 Box 80, Folder 2, ICE Project Number 10248n

ICE Folder Name: KIET - SI WAFER FAB TRAINING P/Q NO. 2096
Notes: Content Summary: World Bank (Korea) Standardized Universal Microprocessor/Microcomputer, June 1978

Box 80, Folder 3 Box 80, Folder 3, ICE Project Number 10248o

ICE Folder Name: WORLD BANK (KOREA)
Notes: Content Summary: Original Copies of Korean Institute of Electronics Technology (KIET) Program and Korea Electronics Research and Design Mission, June 1978

Box 80, Folder 4 Box 80, Folder 4, ICE Project Number 10238p

ICE Folder Name: WORLD BANK (KOREA) GRM NOTES
Notes: Content Summary: Ferguson and Associates Report on the KIET Project, March 1978

Box 81, Folder 1 Box 81, Folder 1, ICE Project Number 10248q

ICE Folder Name: WORLD BANK (KOREA)
Notes: Content Summary: Ferguson Associates Report (Notes by Glen R. Madland), Parts I, II, and III, August 1978

Box 81, Folder 2 Box 81, Folder 2, ICE Project Number 10249a

ICE Folder Name: ITT - Consulting for new LSI ENGINEERING FACILITY
Notes: Content Summary: Contract for consulting services between ICE and International Telephone and Telegraph Corporation. 1977

Box 81, Folder 3 Box 81, Folder 3, ICE Project Number 10249b

ICE Folder Name: ITT - Background Material
Notes: Content Summary: A Special Report on the Evaluation of Fire Sprinkler Systems in Semiconductor Plants, December 1977

Box 82, Folder 1 Box 82, Folder 1, ICE Project Number 10249c

ICE Folder Name: ITT
Notes: Content Summary: Wet Etching & Scanning Electron Microscope Areas, September 1977

Box 82, Folder 2 Box 82, Folder 2, ICE Project Number 10250
Notes: ICE Folder Name: P/Q No. 1983 - KING RADIO-I2L TECHNICAL EVALUATION SEMINAR

Box 82, Folder 3 Box 82, Folder 3, ICE Project Number 10251

ICE Folder Name: DATA PRODUCTS
Notes: Content Summary: Decap & Evaluate MM5060 Shift Registers, November 1977

Box 82, Folder 4 Box 82, Folder 4, ICE Project Number 10252

ICE Folder Name: CARDIAC PACEMAKERS
Notes: Content Summary: Consulting on Destructive Parts, Analysis of Four Hybrids: CPI Minilith S/N, Raytheon Minilith S/N 32678, CPI UL S/0045 (Teledyne sent on Project File #10-253), Publication: S/A 016096, (Objects and Photographs Included) June 1977

Box 82, Folder 5 Box 82, Folder 5, ICE Project Number 10253
Notes: Content Summary: Objects in Conjunction with Project File #10-252

Box 82, Folder 7 Box 82, Folder 7, ICE Project Number 10255

ICE Folder Name: CTS Microelectronics, Inc.
Notes: Content Summary: Failure Analysis Report of Q5 & Q8 of Hybrid, July 1977

Box 82, Folder 8 Box 82, Folder 8, ICE Project Number 10256

ICE Folder Name: P/Q # 1992 - Silicon General

Notes: Content Summary: DPA Control Form, August 1977

Box 82, Folder 9 Box 82, Folder 9, ICE Project Number 10257

ICE Folder Name: LeCROY RESEARCH

Notes: Content Summary: Development of Ion-Engraved Techniques for Integrated Circuits (Photographs Included), September 1977

Box 83, Folder 1 Box 83, Folder 1, ICE Project Number 10258
Notes: ICE Folder Name: EASTMAN KODAK CO. Custom Status Seminar

Box 83, Folder 2 Box 83, Folder 2, ICE Project Number 10259

ICE Folder Name: General Electric

Notes: Content Summary: Failure analysis on Low Power Circuits made by National Semiconductor 1977

Box 83, Folder 3 Box 83, Folder 3, ICE Project Number 10260a

ICE Folder Name: MARSHALL SPACE FLIGHT CENTER

Notes: Content Summary: Equipment Vendors' Response, 1977

Box 83, Folder 4 Box 83, Folder 4, ICE Project Number 10260b

ICE Folder Name: Marshall Space Flight Center

Notes: Content Summary: Method Worksheets

Box 83, Folder 5 Box 83, Folder 5, ICE Project Number 10260c

ICE Folder Name: Marshall Space Flight Center

Notes: Content Summary: Test Methods and Procedures for Microcircuit Line Certification

Box 84, Folder 1 Box 84, Folder 1, ICE Project Number 10260d

ICE Folder Name: Marshall Space Flight Center

Notes: Content Summary: Contract Instructions and Class A Microcircuit Interchange Meeting Notes, November 1977

Box 84, Folder 2 Box 84, Folder 2, ICE Project Number 10260e

ICE Folder Name: Marshall Space Flight Center

Notes: Content Summary: NASA - Alabama Work Statements

Box 84, Folder 3 Box 84, Folder 3, ICE Project Number 10260f

ICE Folder Name: Marshall Space Flight Center

	Notes: Content Summary: Memos, Correspondence, and Call Reports with NASA, 1978
Box 84, Folder 4	Box 84, Folder 4, ICE Project Number 10260g
	ICE Folder Name: Marshall Space Flight Center Notes: Content Summary: Test Methods and Procedures for Microcircuit Line Certification (NASA)
Box 85, Folder 1	Box 85, Folder 1, ICE Project Number 10260h
	ICE Folder Name: Marshall Space Flight Center Notes: Content Summary: Handbook Rewrites for NHB 5300.4, September 1978
Box 85, Folder 2	Box 85, Folder 2, ICE Project Number 10260i
	ICE Folder Name: Marshall Space Flight Center Notes: Content Summary: Business Management Proposals, Including Price Summary, Cost Substantiation and Contract Provisions, May 1978
Box 85, Folder 4	Box 85, Folder 4, ICE Project Number 10262
	ICE Folder Name: Northrop Corporation-Aluminum Wire Bonding Problem P/Q # 2000 Notes: Content Summary: Consultant Agreement, August 1977
Box 85, Folder 5	Box 85, Folder 5, ICE Project Number 10263 Notes: ICE Folder Name: TEKTRONIX -F/A Seminar Oct. 5-6, 1977
Box 85, Folder 6	Box 85, Folder 6, ICE Project Number 10264a
	ICE Folder Name: MOTOROLA ESTAC CUSTOM DESIGN Notes: Content Summary: Design and Drafting Services of Electronic Spark Timing Advance Control, September 1978
Box 86, Folder 1	Box 86, Folder 1, ICE Project Number 10264b
	ICE Folder Name: Motorola Estac Custom Design Notes: Content Summary: Chrysler Electronic Spark Timing Advance Control (ESTAC) Review, February 1978
Box 86, Folder 2	Box 86, Folder 2, ICE Project Number 10264c
	ICE Folder Name: Motorola Estac Custom Design Notes: Content Summary: Process Steps for Silicon Nitride Capacitors, January 1977

Box 86, Folder 3	Box 86, Folder 3, ICE Project Number 10265
	ICE Folder Name: MARTIN-MARIETTA (New Microelectronic Facility) Notes: Content Summary: Report on Consultant Services - New Microelectronics Building, November 1977
Box 86, Folder 4	Box 86, Folder 4, ICE Project Number 10266
	ICE Folder Name: SOLITRON Equipment Evaluation Notes: Content Summary: Consulting Agreement for Solitron Devices, Inc. September 1977
Box 86, Folder 5	Box 86, Folder 5, ICE Project Number 10267a
	ICE Folder Name: P/Q NO. 2010 - NELC OBSOLESCENCE OF IC's STUDY Notes: Content Summary: A Study and Analysis of the Availability of Typical Integrated Circuit Families Required for Military Systems that are to Become Obsolete (Phase II), June 1978
Box 86, Folder 6	Box 86, Folder 6, ICE Project Number 10267b
	ICE Folder Name: NELC Notes: Content Summary: A Study of Obsolete Integrated Circuits Prepared for the Naval Ocean Systems Center (NOSC), November 1977
Box 87, Folder 1	Box 87, Folder 1, ICE Project Number 10268
	ICE Folder Name: DATAPRODUCTS Notes: Content Summary: Analysis on Glassivation Layer MM5060, September 1977
Box 87, Folder 2	Box 87, Folder 2, ICE Project Number 10269a
	ICE Folder Name: Varo Semiconductor Notes: Content Summary: OHMIC Contacts to Semiconductors, January 1978
Box 87	Box 87, Folder 3, ICE Project Number 10269b
	ICE Folder Name: Varo Semiconductor Notes: Content Summary: Correspondence, Call Reports, and Invoices, 1978
Box 87, Folder 4	Box 87, Folder 4, ICE Project Number 10269c
	ICE Folder Name: Varo Semiconductor

Notes: Content Summary: LSI Manufacturing Facilities
Guidelines: A Management and Engineering Report, 1978

Box 87, Folder 5 Box 87, Folder 5, ICE Project Number 10270a

ICE Folder Name: LEAR-SIEGLER, INC. LSI CONSULTING & STATUS
SEMINAR
Notes: Content Summary: (Photographs and Objects Included)

Box 88, Folder 1 Box 88, Folder 1, ICE Project Number 10270b

ICE Folder Name: P/Q 2020 LEAR SIEGLER INC. LSI CONSULTING &
STATUS SEMINAR
Notes: Content Summary: The Role of Custom Integrated Circuits
at Lear Siegler, Inc., November 1977

Box 88, Folder 2 Box 88, Folder 2, ICE Project Number 10271

ICE Folder Name: P/Q #2023 KING RADIO INSPECTION CRITERIA
CONSULTING
Notes: Content Summary: King Radio Corporation Electrical
Inspection Procedure for Pchannel Depletion Load MOS
Wafers, August 1976

Box 88, Folder 3 Box 88, Folder 3, ICE Project Number 10271A
Notes: ICE Folder Name: FAILURE ANALYSIS SEMINAR Scottsdale,
Ramada Inn-Jan. 10-11, 1978

Box 88, Folder 4 Box 88, Folder 4, ICE Project Number 10272
Notes: ICE Folder Name: I.C. TECHNOLOGY SEMINAR Jan. 17-19,
1978

Box 88, Folder 5 Box 88, Folder 5, ICE Project Number 10273a

ICE Folder Name: Status '78 Seminar, San Francisco, Feb. 7, 1978
Notes: Content Summary: The Status of the Integrated Circuit
Industry, 1978

Box 89, Folder 1 Box 89, Folder 1, ICE Project Number 10273b
Notes: ICE Folder Name: Status '78 Seminar

Box 89, Folder 3 Box 89, Folder 3, ICE Project Number 10275
Notes: ICE Folder Name: I2L SEMINAR - Scottsdale Feb. 14-15, 1978

Box 89, Folder 4 Box 89, Folder 4, ICE Project Number 10276
Notes: ICE Folder Name: FAILURE ANALYSIS SEMINAR Scotts.,
March 7-8, 1978

Box 89, Folder 5 Box 89, Folder 5, ICE Project Number 10277

Notes: ICE Folder Name: STATUS '78 SEMINAR Los Angeles - March 14, 1978

Box 89, Folder 6 Box 89, Folder 6, ICE Project Number 10278
Notes: ICE Folder Name: FAILURE ANALYSIS SEMINAR NEW YORK - March 21-22, 1978

Box 89, Folder 7 Box 89, Folder 7, ICE Project Number 10279
Notes: ICE Folder Name: I2L SEMINAR Scotts., April 4-5, 1978

Box 89, Folder 8 Box 89, Folder 8, ICE Project Number 10280a

ICE Folder Name: FAILURE ANALYSIS SEMINAR April 11-12 - Los Angeles 1978
Notes: Content Summary: The Status of the Integrated Circuit Industry 1978

Box 89, Folder 9 Box 89, Folder 9, ICE Project Number 10280b

ICE Folder Name: F/A Seminar, April 1978
Notes: Content Summary: Sign-In Sheets, Critique Sheets, and Feedback

Box 89, Folder 10 Box 89, Folder 10, ICE Project Number 10281
Notes: ICE Folder Name: FAILURE ANALYSIS SEMINAR San Fran. May 2-3, 1978

Box 90, Folder 1 Box 90, Folder 1, ICE Project Number 10282
Notes: ICE Folder Name: INTEGRATED CIRCUIT TECHNOLOGY SEMINAR - Scotts., May 9,10,11, 1978

Box 90, Folder 2 Box 90, Folder 2, ICE Project Number 10283
Notes: ICE Folder Name: INTEGRATED CIRCUIT TECHNOLOGY SEMINAR - Chicago June 6,7,8, 1978

Box 90, Folder 3 Box 90, Folder 3, ICE Project Number 10284
Notes: ICE Folder Name: FAILURE ANALYSIS SEMINAR Chicago - June 20-21, 1978

Box 90, Folder 4 Box 90, Folder 4, ICE Project Number 10285

ICE Folder Name: P/Q #2018 RIXON, INC. Analysis of Cust. CMOS Circ. Proj
Notes: Content Summary: Analysis of Low-Speed Data Set LSI 300C Chip, November 1977

Box 90, Folder 5 Box 90, Folder 5, ICE Project Number 10286

ICE Folder Name: ROCKWELL INTERNATIONAL - COLLINS Division
3002 Reverse Engineering

Notes: Content Summary: Diagrams

Box 90, Folder 6 Box 90, Folder 6, ICE Project Number 10287

ICE Folder Name: P/Q 2024A SIGNETICS Military Marketing Study
Notes: Content Summary: Market Study of Military Integrated Circuits for Signetics, June 1978

Box 90, Folder 7 Box 90, Folder 7, ICE Project Number 10288

ICE Folder Name: SIEMENS - Know-how in int'l Market
Notes: Content Summary: Semiconductor Value of Semiconductor Processing Information, December 1977

Box 90, Folder 8 Box 90, Folder 8, ICE Project Number 10289a

ICE Folder Name: ICE FAC. HANDBOOK
Notes: Content Summary: IC Facility Guidelines: A Management Report, April 1979

Box 91, Folder 1 Box 91, Folder 1, ICE Project Number 10298b

ICE Folder Name: ICE FAC. HANDBOOK
Notes: Content Summary: IC Facility Guidelines (Additional Copy)

Box 91, Folder 2 Box 91, Folder 2, ICE Project Number 10289c

ICE Folder Name: LSI CONCEPT INSERT - MASTER
Notes: Content Summary: A Companion Publication to ICE's Manufacturing Facilities Guidelines, 1980

Box 91, Folder 4 Box 91, Folder 4, ICE Project Number 10291

ICE Folder Name: NCR-Rancho Ber. CUSTOM IC PROPOSAL ASS.
Notes: Content Summary: Custom IC Development Program, December 1977

Box 91, Folder 5 Box 91, Folder 5, ICE Project Number 10292a

ICE Folder Name: Western Electric
Notes: Content Summary: Technical Analysis: MOS Silicon-Gate Integrated Circuit NCR-412570, July 1978

Box 91, Folder 6 Box 91, Folder 6, ICE Project Number 10292b

ICE Folder Name: Western Electric
Notes: Content Summary: A Guide to U.S. Custom Practices for Semiconductors Assembled in Foreign Locations, March 1978

Box 91, Folder 7	Box 91, Folder 7, ICE Project Number 10293a
	ICE Folder Name: Shugart Associates Notes: Content Summary: Engineering Specifications & Consulting Agreement 1978
Box 92, Folder 1	Box 92, Folder 1, ICE Project Number 10293b
	ICE Folder Name: Shugart Associates Notes: Content Summary: Analysis of the MC 3470 Floppy Disk Read Amplifier Manufactured by Motorola Inc.
Box 92, Folder 2	Box 92, Folder 2, ICE Project Number 10293c
	ICE Folder Name: Shugart Associates Notes: Content Summary: Floppy Disc READ Amplifier System, December 1977
Box 92, Folder 3	Box 92, Folder 3, ICE Project Number 10293d
	ICE Folder Name: Shugart Associates Notes: Content Summary: Analysis of Step Motor Driven Circuit (Items IIA through IIG in Contract)(Objects Included)
Box 92, Folder 4	Box 92, Folder 4, ICE Project Number 10294a
	ICE Folder Name: Honeywell Hdbk-System Implm. Notes: Content Summary: Typical PC Board Requirements and Semi-Custom Development Costs
Box 92, Folder 5	Box 92, Folder 5, ICE Project Number 10294b
	ICE Folder Name: Honeywell Notes: Content Summary: Project Handbook, 1978
Box 93, Folder 1	Box 93, Folder 1, ICE Project Number 10295
	ICE Folder Name: SHUGART ASSOC. ANNUAL CONSULTING AGREEMENT Notes: Content Summary: Contract for Analysis, Measurement and Recommendation of READ Amplifier and Step Motor Driver Integrated Circuits, December 1977
Box 93, Folder 2	Box 93, Folder 2, ICE Project Number 10296a
	ICE Folder Name: GENERAL ELECTRIC Notes: Content Summary: The Future of LSI by Glen R. Madland, President ICE Corporation, June 1977
Box 93, Folder 3	Box 93, Folder 3, ICE Project Number 10296b

ICE Folder Name: General Electric
Notes: Content Summary: The Future of LSI (Rough Draft)

Box 93, Folder 4 Box 93, Folder 4, ICE Project Number 10297

ICE Folder Name: BOEING CO. P/Q No. 2036
Notes: Content Summary: Microbeam Analysis Techniques for ICs and Purchase Order No. H-971719-8630, February 1978

Box 93, Folder 5 Box 93, Folder 5, ICE Project Number 10298
Notes: Content Summary: Copy of JEE Newsletter May '81 and OKI MSM 3764 AS SENSE AMP AND CELLS Diagram

Box 93, Folder 6 Box 93, Folder 6, ICE Project Number 10299

ICE Folder Name: STD.MICROSYSTEM "4027 DPA"
Notes: Content Summary: Report on MCM4027 4K RAM, January 1977

Box 93, Folder 7 Box 93, Folder 7, ICE Project Number 10300a

ICE Folder Name: GRUMMAN ANNUAL CONSULTING '78
Notes: Content Summary: G.S. Grumman/Cowen 1978/79 Mini/Microcomputer Conference, September 1978

Box 93, Folder 8 Box 93, Folder 8, ICE Project Number 10300b

ICE Folder Name: Grumman Annual Consulting
Notes: Content Summary: Copies of "Microelectronics News With Manager's Casebook," 1978

Box 94, Folder 1 Box 94, Folder 1, ICE Project Number 10300c

ICE Folder Name: Grumman Annual Consulting
Notes: Content Summary: Speech Outline: The Structure of the Integrated Circuits Industry in 1985

Box 94, Folder 2 Box 94, Folder 2, ICE Project Number 10300d

ICE Folder Name: Grumman Annual Consulting
Notes: Content Summary: Copies of "Microelectronic News" and "Electronics Letter" 1978

Box 94, Folder 3 Box 94, Folder 3, ICE Project Number 10301

ICE Folder Name: VARO SEMICONDUCTOR
Notes: Content Summary: Market Presentation and Varo Probing Specification U of A Processing Program, 1978

Box 94, Folder 4 Box 94, Folder 4, ICE Project Number 10302

ICE Folder Name: MONOLITHIC MEMORIES-APPLICA. SEMS
Notes: Content Summary: Programmable Array Logic Seminar,
February 1978

Box 94, Folder 6 Box 94, Folder 6, ICE Project Number 10304

ICE Folder Name: Micro Components Corporation P/Q No. 2035
Notes: Content Summary: Analysis Program for Custom Bipolar
IC's, February 1978

Box 94, Folder 7 Box 94, Folder 7, ICE Project Number 10305

ICE Folder Name: Sale of Product Lines - ITT
Notes: Content Summary: List of ITT Semiconductors IC Product
Families, February 1978

Box 94, Folder 8 Box 94, Folder 8, ICE Project Number 10306

ICE Folder Name: Sale of SurPLUS LED EQUIP. BOWMAR
Notes: Content Summary: List of Items Available for Sale from
Bowmar/Canada, December 1977

Box 94, Folder 9 Box 94, Folder 9, ICE Project Number 10307a

ICE Folder Name: NASA
Notes: Content Summary: Federal Emission Control
Requirements

Box 94, Folder 10 Box 94, Folder 10, ICE Project Number 10307b

ICE Folder Name: P/Q #2037 NASA _SAFETY FACILITY STUDY
Notes: Content Summary: Copies of Safety Procedures and
Appointment of Contracting Officer Representative,
February 1978

Box 95, Folder 1 Box 95, Folder 1, ICE Project Number 10307c

ICE Folder Name: NASA
Notes: Content Summary: FED Emission Control Requirements:
A Special Task Study for NASA, June 1978

Box 95, Folder 2 Box 95, Folder 2, ICE Project Number 10307d

ICE Folder Name: NASA-Safety Handbook Facilities
Notes: Content Summary: Facility Safety Study and Addendum to
Facility Safety Study, October 1979 & April 1980

Box 95, Folder 3 Box 95, Folder 3, ICE Project Number 10307e

ICE Folder Name: NASA

Notes: Content Summary: Operations and Safety Checklist
General Facilities, October 1979

Box 95, Folder 4

Box 95, Folder 4, ICE Project Number 10307f

ICE Folder Name: NASA

Notes: Content Summary: Raising and Lowering Building 4550
Sliding Door Assembly and Air Pollution Control Rules and
Regulations, April 1978

Box 96, Folder 1

Box 96, Folder 1, ICE Project Number 10307g

ICE Folder Name: NASA

Notes: Content Summary: FED Emission Requirements and
Addendum to Facility Safety Study, April 1980

Box 96, Folder 2

Box 96, Folder 2, ICE Project Number 10308

ICE Folder Name: CUTLER HAMMER CONSULTING

Notes: Content Summary: Cutler-Hammer/Unitrode Joint Project,
February 1978

Box 96, Folder 3

Box 96, Folder 3, ICE Project Number 10309

ICE Folder Name: MICRO COMPONENTS CORPORATION P/Q No.
2055Notes: Content Summary: Correspondence Regarding Contract
for Yield Improvements, 1978

Box 96, Folder 4

Box 96, Folder 4, ICE Project Number 10310

ICE Folder Name: P/Q No.: 2049 HONEYWELL-Micro Switch Division
2nd Source SupplierNotes: Content Summary: Second Source Supplier Screening,
April 1978

Box 96, Folder 5

Box 96, Folder 5, ICE Project Number 10311

ICE Folder Name: SILISON GENER. FACILITY STUDY

Notes: Content Summary: Equipment Lists and Contact Names
for Project P/Q 2068, March 1978

Box 96, Folder 6

Box 96, Folder 6, ICE Project Number 10312a

ICE Folder Name: NASA New Product Evaluation

Notes: Content Summary: Product Evaluation of 1802 CMOS
Microprocessor & Associate Memory Devices, July 1978

Box 97, Folder 1

Box 97, Folder 1, ICE Project Number 10312b

	ICE Folder Name: NASA Notes: Content Summary: Product Evaluations (Including Photographs)
Box 98, Folder 1	Box 98, Folder 1, ICE Project Number 10312c
	ICE Folder Name: NASA Notes: Content Summary: Award/Contract for Product Evaluation of 1802 CMOS Microprocessor and Associated Memory Devices
Box 98, Folder 2	Box 98, Folder 2, ICE Project Number 10312d
	ICE Folder Name: NASA Notes: Content Summary: Test Evaluation and Analysis of Parts for NASA Standard Parts Program, September 1978
Box 98, Folder 3	Box 98, Folder 3, ICE Project Number 10312e
	ICE Folder Name: NASA Notes: Content Summary: Product Evaluation of the RCA and Hughes 1824 Microprocessor Contract NAS8-33004 (Photographs Included)
Box 98, Folder 4	Box 98, Folder 4, ICE Project Number 10312f
	ICE Folder Name: NASA Notes: Content Summary: Hughes CMOS Microprocessor 32x8 Static RAM (Photographs Included)
Box 98, Folder 5	Box 98, Folder 5, ICE Project Number 10312g
	ICE Folder Name: NASA Notes: Content Summary: Product Evaluation of the RCA and Hughes 1832, 1024 x 8 Static ROM Contract NAS 8-33004 (Photographs Included), October 1978
Box 98, Folder 6	Box 98, Folder 6, ICE Project Number 10213h
	ICE Folder Name: NASA Notes: Content Summary: Product Evaluation of the RCA and Hughes 1832, 1024 x 8 Static RAM Contract NAS 8-33004 (Photographs Included), October 1978
Box 98, Folder 7	Box 98, Folder 7, ICE Project Number 10312i
	ICE Folder Name: NASA Notes: Content Summary: Product Evaluation of 1834 1024 Word x 8 BIT Read Only Memory (ROM)

Box 99, Folder 1	Box 99, Folder 1, ICE Project Number 10313a
	ICE Folder Name: Status 1979 GRM Notes Notes: Content Summary: Correspondence and Status Report '79, June 1979
Box 99, Folder 2	Box 99, Folder 2, ICE Project Number 10313b
	ICE Folder Name: Status 1979 GRM Notes Notes: Content Summary: Speech Outline: The Structure of the Integrated Circuits Industry in 1985, February 1978
Box 99, Folder 3	Box 99, Folder 3, ICE Project Number 10313c
	ICE Folder Name: Status 1979 GRM Notes Notes: Content Summary: Status Mid-1978: A Report on the Integrated Circuit Industry, August 1978
Box 99, Folder 4	Box 99, Folder 4, ICE Project Number 10313d
	ICE Folder Name: Status 1979 MHE Notes Notes: Content Summary: Status '77 Mid-Term Update: Rickey's Hyatt House, Palo Alto, CA, August 1977
Box 99, Folder 5	Box 99, Folder 5, ICE Project Number 10314 Notes: ICE Folder Name: STATUS '78 SEM MAR. 23 - New York
Box 100, Folder 1	Box 100, Folder 1, ICE Project Number 10315
	ICE Folder Name: MEMOREX DPA 93216AA Notes: Content Summary: CMOS Analog, February 1978
Box 100, Folder 2	Box 100, Folder 2, ICE Project Number 10316
	ICE Folder Name: PROPOSAL/QUOTATION No. 2054A FACILITY Notes: Content Summary: PLANNING FOR EMDEX, (EXXON) Contract Negotiations for P/Q 2054, November 1977
Box 100, Folder 3	Box 100, Folder 3, ICE Project Number 10317a
	ICE Folder Name: P/Q no. 2066 Medication-Timer Jonathon Wirtschafter Notes: Content Summary: Arrangements for a Meeting Between Dr. Wirtschafter and Phoenix, 1978
Box 100, Folder 4	Box 100, Folder 4, ICE Project Number 10317b
	ICE Folder Name: Untitled Notes: Content Summary: Explanation of the Necessity of a Medication-Timer to Dr. Wirtschafter, 1978

Box 100, Folder 5	Box 100, Folder 5, ICE Project Number 10318
	ICE Folder Name: MASS MEMORY Sem. Analysis Notes: Content Summary: Photographs of Unspecified Circuit, 1978
Box 100, Folder 6	Box 100, Folder 6, ICE Project Number 10319
	ICE Folder Name: Untitled Notes: Content Summary: Report on the Market for Solid-state Relays, 1978
Box 100, Folder 7	Box 100, Folder 7, ICE Project Number 10320
	ICE Folder Name: SPERRY FLT. SYSTEMS FAILURE ANALYSIS SERV. Notes: Content Summary: Reports on Defective DIE U6 (Photographs Included), 1978
Box 100, Folder 8	Box 100, Folder 8, ICE Project Number 10321a
	ICE Folder Name: P/Q # 2072 AMD SITE ANALYSIS SURVEY Notes: Content Summary: Plans for the Construction of a New Advanced Micro Devices Wafer Lab and Plans of a New Four-Inch Wafer Based on a Two-Shift Operation, 1978
Box 101, Folder 1	Box 101, Folder 1, ICE Project Number 10321b
	ICE Folder Name: Untitled Notes: Content Summary: References on AMD and Copies of Project Files 10321a, 1978
Box 101, Folder 2	Box 101, Folder 2, ICE Project Number 10321c
	ICE Folder Name: P/Q 2102 AMD SITE LOCATION Notes: Content Summary: Copy of Contract for ICE to Continue the Site Location Work for AMD, 1978
Box 101, Folder 4	Box 101, Folder 4, ICE Project Number 10323a
	ICE Folder Name: P/Q #2046 NOSC Studies & Analysis of microelectronic Systems equipment, components, or applic Notes: Content Summary: Contract Information for "Hands-on" Circuit Analysis, 1978
Box 101, Folder 5	Box 101, Folder 5, ICE Project Number 10323b
	ICE Folder Name: P/Q #2046 NOSC Studies & Analysis of microelectronic Systems equipment, components, or applic Notes: Content Summary: Background Information on Naval Air Systems Command Code (NAVAIR) and NOSC, 1978

Box 101, Folder 6	Box 101, Folder 6, ICE Project Number 10323c
	ICE Folder Name: P/Q #2046 NOSC Studies & Analysis of microelectronic Systems equipment, components, or applic Notes: Content Summary: First Report by the Navy Submicron Integrated Circuit Technology Panel, 1978
Box 101, Folder 7	Box 101, Folder 7, ICE Project Number 10323d
	ICE Folder Name: P/Q #2046 NOSC Studies & Analysis of microelectronic Systems equipment, components, or applic Notes: Content Summary: Sales and Orders for Electron Beam (E-BEAM) Pattern Equipment, 1978
Box 101, Folder 8	Box 101, Folder 8, ICE Project Number 10323e
	ICE Folder Name: P/Q #2046 NOSC Studies & Analysis of microelectronic Systems equipment, components, or applic Notes: Content Summary: Request for ICE's Proposal to Naval Ocean Systems, 1978
Box 101, Folder 9	Box 101, Folder 9, ICE Project Number 10323f
	ICE Folder Name: P/Q #2046 NOSC Studies & Analysis of microelectronic Systems equipment, components, or applic Notes: Content Summary: NOSC Objectives and Limits, 1978
Box 102, Folder 1	Box 102, Folder 1, ICE Project Number 10323g
	ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL CONSULTING Notes: Content Summary: Submicron Device Technology Review, 1978
Box 102, Folder 2	Box 102, Folder 2, ICE Project Number 10323h
	ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL CONSULTING Notes: Content Summary: Preliminary Report to Expand the Comments of the First Navy Submicron Integrated Circuit Technology Panel Meeting, 1978
Box 102, Folder 3	Box 102, Folder 3, ICE Project Number 10323i
	ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL CONSULTING Notes: Content Summary: Two Copies of Subject Proposed Contract, 1978
Box 102, Folder 4	Box 102, Folder 4, ICE Project Number 10323j

ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL
CONSULTING

Notes: Content Summary: Background Information on Proposed
Project, 1978

Box 102, Folder 5 Box 102, Folder 5, ICE Project Number 10323k

ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL
CONSULTING

Notes: Content Summary: Request to ICE to Return Attached
Work Statement, 1978

Box 102, Folder 6 Box 102, Folder 6, ICE Project Number 10323l

ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL
CONSULTING

Notes: Content Summary: Layout Rules and Patents, 1978

Box 102, Folder 7 Box 102, Folder 7, ICE Project Number 10323m

ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL
CONSULTING

Notes: Content Summary: First Report by the Navy Submicron
Integrated Circuit Technology Panel and Advertisements
for Naval Electronics Laboratory Center (NELC), 1978

Box 103, Folder 1 Box 103, Folder 1, ICE Project Number 10323n

ICE Folder Name: NAVAL OCEAN SYS. CENTER GENERAL
CONSULTING

Notes: Content Summary: Technical Proposal Contract
Solicitation Number: N66001-r-0018, 1977

Box 103, Folder 2 Box 103, Folder 2, ICE Project Number 10323o

ICE Folder Name: ORIGINAL + APPENDIX mTRL

Notes: Content Summary: Plans for Integration of Standard
Transistor Transistor Logic (TTL) to Missiles, 1978

Box 103, Folder 3 Box 103, Folder 3, ICE Project Number 10323p

ICE Folder Name: ORIGINAL + APPENDIX mTRL

Notes: Content Summary: An Analysis of Automatic Procedures
as Applied to the Design, Manufacturing and Testing of
Very High Speed Integrated Circuits (VHSIC), 1979

Box 103, Folder 4 Box 103, Folder 4, ICE Project Number 10323q

ICE Folder Name: ORIGINAL + APPENDIX mTRL

Notes: Content Summary: An Analysis of Automatic Procedures as Applied to the Design, Manufacturing and Testing of VHSIC, 1979

Box 103, Folder 5 Box 103, Folder 5, ICE Project Number 10323r

ICE Folder Name: ANALYSIS OF IC MANUFACTURING

Notes: Content Summary: Commentary and Blueprints for Automatic Wafer Fabrication Area, 1978

Box 103, Folder 6 Box 103, Folder 6, ICE Project Number 10323s

ICE Folder Name: ANALYSIS OF IC MANUFACTURING

Notes: Content Summary: Rough Drafts of: An Analysis of Automatic Procedures as Applied to the Design, Manufacturing and Testing of VHSIC, 1979

Box 104, Folder 1 Box 104, Folder 1, ICE Project Number 10323t

ICE Folder Name: ANALYSIS OF IC MANUFACTURING

Notes: Content Summary: Final Copy of: An Analysis of Automatic Procedures as Applied to the Design, Manufacturing and Testing of VHSIC, 1979

Box 104, Folder 2 Box 104, Folder 2, ICE Project Number 10323u

ICE Folder Name: ANALYSIS OF IC MANUFACTURING

Notes: Content Summary: Bound Copy of: An Analysis of Automatic Procedures as Applied to the Design, Manufacturing and Testing of VHSIC and a Contract with the Department of the Navy for the Construction of Missiles with Integrated Circuits, 1979

Box 104, Folder 3 Box 104, Folder 3, ICE Project Number 10323v

ICE Folder Name: NOSC

Notes: Content Summary: Suggested Five-Year Plan for Navy Manufacturing Technology Program (MTP) 1980-1990, 1979

Box 104, Folder 4 Box 104, Folder 4, ICE Project Number 10323w

ICE Folder Name: NOSC

Notes: Content Summary: Rough Draft of Suggested Five-Year Plan for Navy MTP 1980-1990, 1979

Box 104, Folder 5 Box 104, Folder 5, ICE Project Number 10323x

ICE Folder Name: NOSC

Notes: Content Summary: Suggested Five-Year Plan for Navy MTP 1980-1990, 1979

Box 105, Folder 1 Box 105, Folder 1, ICE Project Number 10323y

ICE Folder Name: NOSC

Notes: Content Summary: "The Slide Show" Detailing Proposed Program, 1979

Box 105, Folder 2 Box 105, Folder 2, ICE Project Number 10323z

ICE Folder Name: NOSC

Notes: Content Summary: Air Film System for Handling Semiconductor Wafers, 1979

Box 105, Folder 3 Box 105, Folder 3, ICE Project Number 10323aa

ICE Folder Name: NOSC

Notes: Content Summary: Examples of VHSIC Program Goals, 1979

Box 105, Folder 4 Box 105, Folder 4, ICE Project Number 10323ab

ICE Folder Name: NOSC

Notes: Content Summary: Bound Copies Suggested Five-Year Plan for Navy MTP 1980-1990, 1979

Box 105, Folder 5 Box 105, Folder 5, ICE Project Number 10323ac

ICE Folder Name: NOSC

Notes: Content Summary: Copies of "Electronic News with Articles Pertaining to Dionex Variation of Plasma Etcher, 1979

Box 105, Folder 6 Box 105, Folder 6, ICE Project Number 10323ad

ICE Folder Name: NOSC - Marketing Plan

Notes: Content Summary: Lists of People who Should Attend ION IMPLANT MEETING Under the Manufacturing Contract from NOSC, 1979

Box 105, Folder 7 Box 105, Folder 7, ICE Project Number 10323ae

ICE Folder Name: NOSC JS (Alt. Engy.Sorcs.

Notes: Content Summary: Correspondence, General Information and Photocopies about NOSC, 1979

Box 105, Folder 8 Box 105, Folder 8, ICE Project Number 10323af

ICE Folder Name: NOSC JS (Alt. Engy.Sorcs.

Notes: Content Summary: A Bound Copy of: A Study and Analysis of Integrated Circuit Device Families that will be Obsolete During 1980 FY by Major U.S. Semiconductor Manufacturers Supplying these Devices to U.S. Military and Aerospace Requirements, 1979

Box 106, Folder 1 Box 106, Folder 1, ICE Project Number 10323ag

ICE Folder Name: NAVAL OCEAN SYSTEMS CENTER RSW (INDEF)
Notes: Content Summary: Preliminary Assessment of Alternative Energy Sources for the NOSC Microelectronic Laboratory, 1980

Box 106, Folder 2 Box 106, Folder 2, ICE Project Number 10323ah

ICE Folder Name: NAVAL OCEAN SYSTEMS CENTER RSW (INDEF):P/Q 10323 H
Notes: Content Summary: Unbound Copies of the Preliminary Assessment of Alternative Energy Sources for the NOSC Microelectronic Laboratory, 1980

Box 106, Folder 3 Box 106, Folder 3, ICE Project Number 10323ai

ICE Folder Name: NAVAL OCEAN SYSTEMS CENTER RSW (INDEF):P/Q 10323 H
Notes: Content Summary: Bound Copy of Suggested Five-year Plan for MTP 1980-1990, 1980

Box 106, Folder 4 Box 106, Folder 4, ICE Project Number 10323aj

ICE Folder Name: NAVAL OCEAN SYSTEMS CENTER RSW (INDEF):P/Q 10323 H
Notes: Content Summary: Bound Copy of an Analysis of Automatic Procedures as Applied to the Design, Manufacturing and Testing of VHSIC, and Suggested Coding Procedures for the Semiconductor Category of the GIDE P Coding Index, 1979

Box 106, Folder 5 Box 106, Folder 5, ICE Project Number 10323ak

ICE Folder Name: Solar Energy
Notes: Content Summary: General Information on Solar Energy as an Alternative Energy Source for NOSC, 1979

Box 107, Folder 1 Box 107, Folder 1, ICE Project Number 10324a

ICE Folder Name: SILICON GENERAL
Notes: Content Summary: Photographs and General Information on Facilities, 1980

Box 107, Folder 2 Box 107, Folder 2, ICE Project Number 10324b

ICE Folder Name: SILICON GENERAL

Notes: Content Summary: Contracts for Consulting with Silicon General, 1980

Box 107, Folder 3

Box 107, Folder 3, ICE Project Number 10325a

ICE Folder Name: P/Q No. 2067 HONEYWELL INFO. SYSTEMS
SPECIAL IC TECHNOLOGY SEMINAR

Notes: Content Summary: Arrangements for a Special In-house BT Seminar on Honeywell Info. Systems, 1978

Box 107, Folder 4

Box 107, Folder 4, ICE Project Number 10325b

ICE Folder Name: P/Q No. 2067 HONEYWELL INFO. SYSTEMS
SPECIAL IC TECHNOLOGY SEMINAR

Notes: Content Summary: Bound Booklet on Impact of Integrated Circuits Material and Processes Photomasks Bipolar Processing MOS Processing Economics, 1978

Box 107, Folder 5

Box 107, Folder 5, ICE Project Number 10325c

ICE Folder Name: P/Q No. 2067 HONEYWELL INFO. SYSTEMS
SPECIAL IC TECHNOLOGY SEMINAR

Notes: Content Summary: General Information on In-house Seminar, 1978

Box 107, Folder 6

Box 107, Folder 6, ICE Project Number 10325d

ICE Folder Name: P/Q No. 2067 HONEYWELL INFO. SYSTEMS
SPECIAL IC TECHNOLOGY SEMINAR

Notes: Content Summary: Bound Booklet on Integrated Circuit Technology Seminar Honeywell, April 6-7, 1978

Box 108, Folder 1

Box 108, Folder 1, ICE Project Number 10325e

ICE Folder Name: P/Q No. 2067 HONEYWELL INFO. SYSTEMS
SPECIAL IC TECHNOLOGY SEMINAR

Notes: Content Summary: Locations and Preliminary Considerations of Honeywell, 1978

Box 108, Folder 2

Box 108, Folder 2, ICE Project Number 10326

ICE Folder Name: STANDARD MICRO. DPA 2147 4KRAM

Notes: Content Summary: Analytical Report on ICE Describing Process Characteristics Associated with Intel N-Channel Silicon-Gate Depletion Mode 2147 type 4K RAM Device, 1978

Box 108, Folder 3

Box 108, Folder 3, ICE Project Number 10327

ICE Folder Name: STANDARD MICRO DPA MB8116 16kRAM
Notes: Content Summary: Background Information and Blueprints
for 16K RAM MB8116, 1978

Box 108, Folder 4 Box 108, Folder 4, ICE Project Number 10328

ICE Folder Name: P/Q 2069 NAVAL OCEAN SYSTEMS CENTER
Typical Cir. Families Required for Milit. Systems that are becoming
Obsolete
Notes: Content Summary: A Study and Analysis of the Availability
of Typical Integrated Circuit Families Required for the
Military Systems that are to be come Obsolete (Phase II),
1978

Box 108, Folder 5 Box 108, Folder 5, ICE Project Number 10329

ICE Folder Name: P/Q No. 2078A REVISION/ SEMI
Notes: Content Summary: Blueprints of 6502 to be sent to SEMI/
EM&M, 1978

Box 108, Folder 6 Box 108, Folder 6, ICE Project Number 10330a

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Cancellation Notice for Seattle F.A.
Seminar, 1978

Box 108, Folder 7 Box 108, Folder 7, ICE Project Number 10330b

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Surveys on MID STATUS and General
Information on MID-TERM Seminar, 1978

Box 108, Folder 8 Box 108, Folder 8, ICE Project Number 10330c

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Registration for Mid-term Status
Meeting, 1978

Box 109, Folder 1 Box 109, Folder 1, ICE Project Number 10330d

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Registration for Mid-term Status
Meeting, 1978

Box 109, Folder 2 Box 109, Folder 2, ICE Project Number 10330e

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Status Report on Mid 1978

Box 109, Folder 3 Box 109, Folder 3, ICE Project Number 10330f

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Bound Copy of Project File 10330e,
1978

Box 109, Folder 4 Box 109, Folder 4, ICE Project Number 10330g

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: An Offer to Various Clients to Receive
Publications by ICE, 1978

Box 109, Folder 5 Box 109, Folder 5, ICE Project Number 10330h

ICE Folder Name: F.A. SEMINAR JULY 19-20 Seattle CANCELLED
Notes: Content Summary: Bound Copies of Project File 10330e,
1978

Box 110, Folder 1 Box 110, Folder 1, ICE Project Number 10331a

ICE Folder Name: MID-YEAR STATUS- AUG 23 - - SAN JOSE
Notes: Content Summary: Economic Information on Mid-year
Status, 1978

Box 110, Folder 2 Box 110, Folder 2, ICE Project Number 10331b

ICE Folder Name: MID-YEAR STATUS- AUG 23 - - SAN JOSE
Notes: Content Summary: Information on Magnetic Bubbles and
a Photograph of Bound Manuals of Project File 10330f

Box 111, Folder 1 Box 111, Folder 1, ICE Project Number 10386

ICE Folder Name: ROCKWELL, Oct 1978
Notes: Content Summary: study to attain QPL status for
Rockwell's R6500 devices mil-m-38510 IC program

Box 111, Folder 2 Box 111, Folder 2, ICE Project Number 10387

ICE Folder Name: CARDIAC PACEMAKERS, July 12, 1978
Notes: Content Summary: yield analysis of AMI wafers

Box 111, Folder 3 Box 111, Folder 3, ICE Project Number 10388

ICE Folder Name: JOHNSON & JOHNSON/ SOLID STATE SCIENTIFIC,
July 11, 1978
Notes: Content Summary: evaluate the packaging of the custom
LSI circuit (for meditemp)

Box 111, Folder 4 Box 111, Folder 4, ICE Project Number 10389

ICE Folder Name: JANUARY 17-18, 1979..MILITARY FAILURE
ANALYSIS SEMINAR CANCELLED, Dec 6, 1978

Notes: Content Summary: Phoenix, Arizona

Box 111, Folder 5 Box 111, Folder 5, ICE Project Number 10390

ICE Folder Name: ICE'S IMPLEMENTATION OF I.C. TECHNOLOGY SEMINAR JAN. 31-FEB.1, 1979, Nov 27, 1978

Notes: Content Summary: Santa Clara, California

Box 111, Folder 6 Box 111, Folder 6, ICE Project Number 10391

ICE Folder Name: WESTERN DIGITAL CORP. REPORT, Nov 1, 1978

Notes: Content Summary: "status of integrated circuits" seminar, Rickey's Hyatt House, San. Fran. Feb. 7, 1979

Box 111, Folder 7 Box 111, Folder 7, ICE Project Number 10392

Notes: ICE Folder Name: ICE'S STATUS '79 SEMINAR, HILTON INN (KENNEDY AIRPORT, JAMAICA, N.Y., FEB. 16, 1979), Jan 5, 1979

Box 112, Folder 1 Box 112, Folder 1, ICE Project Number 10453

ICE Folder Name: GENERAL MOTORS INSTITUTE (GMI), Sept 22, 1978

Notes: Content Summary: general information/misc (mhe)

Box 112, Folder 2 Box 112, Folder 2, ICE Project Number 10453

Notes: ICE Folder Name: GMI SEMINAR, Sept 22, 1978

Box 112, Folder 3 Box 112, Folder 3, ICE Project Number 10453

ICE Folder Name: NEW SLIDES MASTER, Sept 22, 1978

Notes: Content Summary: (the IC industry)

Box 112, Folder 4 Box 112, Folder 4, ICE Project Number 10453

Notes: ICE Folder Name: GMI MASTER, Sept 22, 1978

Box 112, Folder 5 Box 112, Folder 5, ICE Project Number 10453

ICE Folder Name: SESSION VI, Sept 22, 1978

Notes: Content Summary: slide masters of varied corporation info TNJ 06/06/01

Box 112, Folder 6 Box 112, Folder 6, ICE Project Number 10453

Notes: ICE Folder Name: MHE CORRESPONDENCE, Sept 22, 1978

Box 112, Folder 7 Box 112, Folder 7, ICE Project Number 10453

ICE Folder Name: SEMINAR FOR GMI, Sept 22, 1978

Notes: Content Summary: Dec. 9-12, 1979

Box 112, Folder 8	Box 112, Folder 8, ICE Project Number 10454 Notes: ICE Folder Name: NORTHERN TELECOM, Mar 07, 1979
Box 112, Folder 9	Box 112, Folder 9, ICE Project Number 10455 Notes: ICE Folder Name: OMRON DESIGN TRAINING PROGRAM, July 28, 1977
Box 112, Folder 10	Box 112, Folder 10, ICE Project Number 10456 ICE Folder Name: SPIN PHYSICS, INC, Sept 20, 1978 Notes: Content Summary: consulting agreement
Box 112, Folder 11	Box 112, Folder 11, ICE Project Number 10456 ICE Folder Name: SPIN PHYSICS, INC, Sept 20, 1978 Notes: Content Summary: correspondence
Box 112, Folder 12	Box 112, Folder 12, ICE Project Number 10456 ICE Folder Name: SPIN PHYSICS, INC, Sept 20, 1978 Notes: Content Summary: miscellaneous- rough draft facility guidelines
Box 112, Folder 13	Box 112, Folder 13, ICE Project Number 10456 ICE Folder Name: SPIN PHYSICS, INC, Sept 20, 1978 Notes: Content Summary: consultant preliminary information
Box 112, Folder 14	Box 112, Folder 14, ICE Project Number 10456 ICE Folder Name: SPIN PHYSICS, INC, Sept 20, 1978 Notes: Content Summary: rough draft IC facility guidelines
Box 113, Folder 1	Box 113, Folder 1, ICE Project Number 10457 ICE Folder Name: ZENITH RADIO CORP, Feb 02, 1979 Notes: Content Summary: retainer (fa work)
Box 113, Folder 2	Box 113, Folder 2, ICE Project Number 10458 ICE Folder Name: IC FAB TRENDS SEMINAR JULY 10-12, 1979, Mar 28, 1979 Notes: Content Summary: cancelled
Box 113, Folder 3	Box 113, Folder 3, ICE Project Number 10459 ICE Folder Name: STATUS MIDTERM, 8-15-79 SEMINAR, April 09, 1979

Notes: Content Summary: semiconductor forecast/business climate

Box 113, Folder 4 Box 113, Folder 4, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Notes: Content Summary: review of VHSI program, rev a & b John Shea

Box 113, Folder 5 Box 113, Folder 5, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Notes: Content Summary: newspaper/magazine articles

Box 113, Folder 6 Box 113, Folder 6, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Notes: Content Summary: guest letters.

Box 113, Folder 7 Box 113, Folder 7, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Notes: Content Summary: registration for Aug. 15 seminar

Box 113, Folder 8 Box 113, Folder 8, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Notes: Content Summary: correspondence

Box 113, Folder 9 Box 113, Folder 9, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM SEMINAR 8-15-79, April 09, 1979
Notes: Content Summary: session I masters

Box 113, Folder 10 Box 113, Folder 10, ICE Project Number 10459

ICE Folder Name: STATUS 79' MIDTERM SEMINAR 8-15-79, April 09, 1979
Notes: Content Summary: session II masters

Box 113, Folder 11 Box 113, Folder 11, ICE Project Number 10459

ICE Folder Name: STATUS 79' MIDTERM SEMINAR 8-15-79, April 09, 1979
Notes: Content Summary: miscellaneous masters

Box 113, Folder 12 Box 113, Folder 12, ICE Project Number 10459

ICE Folder Name: STATUS 79' MIDTERM SEMINAR 8-15-79, April 09, 1979

Notes: Content Summary: session IV masters

Box 113, Folder 13 Box 113, Folder 13, ICE Project Number 10459

ICE Folder Name: STATUS 79' MIDTERM SEMINAR 8-15-79, April 09, 1979

Notes: Content Summary: session VI masters

Box 113, Folder 14 Box 113, Folder 14, ICE Project Number 10460

ICE Folder Name: IMPLEMENTATION OF IC TECH. SEMINAR OCT. 17-18, 1979 PHOENIX, AZ, Aug 03, 1979

Notes: Content Summary: note some 10460 material in 10461

Box 113, Folder 15 Box 113, Folder 15, ICE Project Number 10461

ICE Folder Name: FAILURE AVOIDANCE SEMINAR NOV. 7-8, 1979 SCOTTSDALE, ARIZONA, Oct 12, 1979

Notes: Content Summary: contains some 10460

Box 113, Folder 16 Box 113, Folder 16, ICE Project Number 10462

Notes: ICE Folder Name: IMPLEMENTATION OF IC TECH. SEM. NOV. 14-15/79 SANTA CLARA, CALIFORNIA- CANCELLED, Mar 06, 1979

Box 113, Folder 117 Box 113, Folder 17, ICE Project Number 10463

Notes: ICE Folder Name: IC FABRICATION TRENDS SEMINAR DEC.4-6 SCOTTSDALE, AZ CANCELLED, Mar 28, 1979

Box 114, Folder 1 Box 114, Folder 1, ICE Project Number 10464

ICE Folder Name: XEROX DEV. CORP. -EVAL OF OTHER SYSTEMS COMPANIES, Oct 20, 1978

Notes: Content Summary: reports- some masters- strategic alternatives

Box 114, Folder 2 ICE Project Number 10464

ICE Folder Name: XEROX DEV. CORP. -EVAL OF OTHER SYSTEMS COMPANIES, Oct 20, 1978

Notes: Content Summary: correspondence

Box 114, Folder 3 Box 114, Folder 3, ICE Project Number 10464

ICE Folder Name: XEROX DEV. CORP. -EVAL OF OTHER SYSTEMS COMPANIES, Oct 20, 1978

Notes: Content Summary: analysis of Intel/Texas Inst./ Hewlett-Packard world semiconductor production

Box 114, Folder 4 Box 114, Folder 4, ICE Project Number 10465

ICE Folder Name: SEMINAR- IC TECHNOLOGY FOR MATERIALS
MARKETING FOR MONSANTO, PALO ALTO, CA PHOENIX, ARIZ
JUNE 20-22, 1979, Oct 12, 1978
Notes: Content Summary: course material

Box 114, Folder 5 Box 114, Folder 5, ICE Project Number 10465

ICE Folder Name: SEMINAR- IC TECHNOLOGY FOR MATERIALS
MARKETING FOR MONSANTO, PALO ALTO, CA AT PHOENIX, ARIZ
JUNE 20-22, 1979, Oct 12, 1978
Notes: Content Summary: correspondence

Box 114, Folder 6 Box 114, Folder 6, ICE Project Number 10466

ICE Folder Name: REVIEW OF NMOS FACILITY- MOTOROLA, AUSTIN,
TX, Feb 19, 1979
Notes: Content Summary: 4 orig. photos includes draft copy

Box 114, Folder 7 Box 114, Folder 7, ICE Project Number 10466

ICE Folder Name: REVIEW OF NMOS FACILITY- MOTOROLA, AUSTIN,
TX, Feb 19, 1979
Notes: Content Summary: correspondence- one orig photo

Box 114, Folder 8 Box 114, Folder 8, ICE Project Number 10467

ICE Folder Name: GOODYEAR AEROSPACE (AKRON), April 16,1979
Notes: Content Summary: consulting & talk

Box 115, Folder 1 Box 115, Folder 1, ICE Project Number 10468

ICE Folder Name: ADVANCED PACKAGING TECHNIQUES, Mar 1979
Notes: Content Summary: bonding techniques

Box 115, Folder 2 Box 115, Folder 2, ICE Project Number 10469

ICE Folder Name: KAVLICO-DESIGN CRITIQUE & 2ND SOURCE
SELECTION, May 05,1977
Notes: Content Summary: correspondance customer & linear
bipolar IC

Box 115, Folder 3 Box 115, Folder 3, ICE Project Number 10469

ICE Folder Name: KAVLICO-DESIGN CRITIQUE & 2ND SOURCE
SELECTION, May 05,1977
Notes: Content Summary: process spec

Box 115, Folder 4 Box 115, Folder 4, ICE Project Number 10470

ICE Folder Name: EASTMAN KODAK, April 03,1979

Notes: Content Summary: facility (production) correspondence

Box 115, Folder 5 Box 115, Folder 5, ICE Project Number 10470

ICE Folder Name: EASTMAN KODAK, April 03,1979

Notes: Content Summary: facility (production) 10470-original report

Box 115, Folder 6 Box 115, Folder 6, ICE Project Number 10471

ICE Folder Name: SIEMENS CORPORATION-SENIOR STUDY, Feb 06,1979

Notes: Content Summary: orig. of report

Box 115, Folder 7 Box 115, Folder 7, ICE Project Number 10471

ICE Folder Name: SIEMENS CORPORATION-SENIOR STUDY, Feb 06,1979

Notes: Content Summary: correspondence

Box 115, Folder 8 Box 115, Folder 8, ICE Project Number 10471

ICE Folder Name: SIEMENS CORPORATION-SENIOR STUDY, Feb 06,1979

Notes: Content Summary: miscellaneous

Box 115, Folder 9 Box 115, Folder 9, ICE Project Number 10472

Notes: ICE Folder Name: MS ELECTRONICS, INC, April 11, 1975

Box 115, Folder 10 Box 115, Folder 10, ICE Project Number 10473

ICE Folder Name: PRESENT PAPER FOR IBM AT SEMINAR, Mar 21,1979

Notes: Content Summary: VSLI & microcomputer June 14,1979, Wayata, Minn

Box 115, Folder 11 Box 115, Folder 11, ICE Project Number 10473

ICE Folder Name: PRESENT PAPER FOR IBM AT SEMINAR, Mar 21,1979

Notes: Content Summary: VSLI & microcomputer June 14,1979, Wayata, Minn slides

Box 115, Folder 12 Box 115, Folder 12, ICE Project Number 10474

ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April 11,1979

Notes: Content Summary: call repors

Box 115, Folder 13 Box 115, Folder 13, ICE Project Number 10474

	ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April 11, 1979 Notes: Content Summary: Rockwell-supplied material
Box 116, Folder 1	Box 116, Folder 1, ICE Project Number 10474
	ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April 11, 1979 Notes: Content Summary: rough draft
Box 116, Folder 2	Box 116, Folder 2, ICE Project Number 10474
	ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April 11, 1979 Notes: Content Summary: orig. final report
Box 116, Folder 3	Box 116, Folder 3, ICE Project Number 10474
	ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April 11, 1979 Notes: Content Summary: correspondence
Box 116, Folder 4	Box 116, Folder 4, ICE Project Number 10474
	ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April 11, 1979 Notes: Content Summary: miscellaneous
Box 116, Folder 5	Box 116, Folder 5, ICE Project Number 10474
	ICE Folder Name: ROCKWELL INT'L-REV. NMOS-O PROCESS, April, 1979 Notes: Content Summary: review and critique
Box 116, Folder 6	Box 116, Folder 6, ICE Project Number 10475
	ICE Folder Name: RIXON-RSW-STUART, March 28, 1979 Notes: Content Summary: miscellaneous
Box 116, Folder 7	Box 116, Folder 7, ICE Project Number 10475
	ICE Folder Name: RIXON-RSW-STUART, March 28, 1979 Notes: Content Summary: rixon
Box 116, Folder 8	Box 116, Folder 8, ICE Project Number 10477 Notes: ICE Folder Name: E.I. DUPONT- PHOTORESIST VALUE ANALYSIS, March 22, 1979
Box 116, Folder 9	Box 116, Folder 9, ICE Project Number 10478

ICE Folder Name: WESTERN DESIGN CENTER, INC, Jan 07, 1980
Notes: Content Summary: assigned tasks

Box 116, Folder 10 Box 116, Folder 10, ICE Project Number 10479

ICE Folder Name: SILICON GENERAL, Nov 18, 1979
Notes: Content Summary: analysis of 723 voltage regular circuit

Box 116, Folder 11 Box 116, Folder 11, ICE Project Number 10479

ICE Folder Name: SILICON GENERAL, Nov 18, 1979
Notes: Content Summary: rlh- analysis of 153

Box 117, Folder 1 Box 117, Folder 1, ICE Project Number 10481

ICE Folder Name: EASTMAN KODAK RESEARCH, April 20, 1979
Notes: Content Summary: original report- facilities recommendations for a new integrated circuit r&d installation

Box 117, Folder 2 Box 117, Folder 2, ICE Project Number 10481

ICE Folder Name: EASTMAN KODAK RESEARCH, April 20, 1979
Notes: Content Summary: facilities recommendations for a new integrated circuit r&d installation correspondence/call reports.

Box 117, Folder 3 Box 117, Folder 3, ICE Project Number 10483

ICE Folder Name: XEROX DEVELOPMENT CORP. STAMFORD, CT., May 23, 1979
Notes: Content Summary: organization of in house IC organizations other company strategies

Box 117, Folder 4 Box 117, Folder 4, ICE Project Number 10484

ICE Folder Name: CII HONEYWELL BULL/PARIS, Dec 28, 1978
Notes: Content Summary: IC/failure analysis seminar June 5-8, 1979

Box 117, Folder 5 Box 117, Folder 5, ICE Project Number 10484

ICE Folder Name: CII HONEYWELL BULL/PARIS, Dec 28, 1978
Notes: Content Summary: IC/failure analysis seminar June 5-8, 1979

Box 117, Folder 6 Box 117, Folder 6, ICE Project Number 10484

ICE Folder Name: CII HONEYWELL BULL/PARIS, Dec 28, 1978

Notes: Content Summary: IC/failure analysis seminar June 5-8, 1979

Box 117, Folder 7 Box 117, Folder 7, ICE Project Number 10485

ICE Folder Name: FORD AEROSPACE/REVIEW SEMIEQUIP, FACILITY PLANS, May 03,1979
Notes: Content Summary: orig.report IC facility plan

Box 117, Folder 8 Box 117, Folder 8, ICE Project Number 10485

ICE Folder Name: FORD AEROSPACE/REVIEW SEMIEQUIP, FACILITY PLANS, May 03,1979
Notes: Content Summary: safety aspects

Box 117, Folder 9 Box 117, Folder 9, ICE Project Number 10485

ICE Folder Name: FORD AEROSPACE/REVIEW SEMIEQUIP, FACILITY PLANS, May 03,1979
Notes: Content Summary: clean room operation

Box 117, Folder 10 Box 117, Folder 10, ICE Project Number 10485

ICE Folder Name: FORD AEORSPACE/REVIEW SEMIEQUIP., FACILITY PLANS, May 03,1979
Notes: Content Summary: correspondence

Box 117, Folder 11 Box 117, Folder 11, ICE Project Number 10486
Notes: ICE Folder Name: LINEAR I.C. DESIGN SEMINAR, AUG. 7,8,9, 1979 AT MOTOROLA APD SCHAUMBERG, IL, April 06, 1979

Box 118, Folder 1 Box 118, Folder 1, ICE Project Number 10486

ICE Folder Name: LINEAR I.C. DESIGN SEMINAR, AUG. 7,8,9, 1979 AT MOTOROLA APD SCHAUMBERG, IL, April 06, 1979
Notes: Content Summary: instructor copies

Box 118 Box 118, Folder 2, ICE Project Number 10487

ICE Folder Name: SEMINAR AT IBM, LOS GATOS, CALIF., June 1, 1979
Notes: Content Summary: one sheet identified as 10493 "IBM Los Gatos, project 10493 added to this file

Box 118, Folder 3 Box 118, Folder 3, ICE Project Number 10488
Notes: ICE Folder Name: CHERRY SEMICONDUCTOR CORPORATION IN FACILITY PLANNING, May 23, 1979

Box 118, Folder 4 Box 118, Folder 4, ICE Project Number 10491

ICE Folder Name: IBM- LSI PRESENTATION MATERIAL (JDS), April 24, 1979

Notes: Content Summary: correspondence

Box 118, Folder 5 Box 118, Folder 5, ICE Project Number 10491

ICE Folder Name: IBM- LSI PRESENTATION MATERIAL (JDS), April 24, 1979

Notes: Content Summary: update military/ aerospace technology

Box 118, Folder 6 Box 118, Folder 6, ICE Project Number 10491

ICE Folder Name: IBM- LSI PRESENTATION MATERIAL (JDS), April 24, 1979

Notes: Content Summary: special notes VHSIC technology added to IBM report

Box 118, Folder 7 Box 118, Folder 7, ICE Project Number 10491

ICE Folder Name: IBM- LSI PRESENTATION MATERIAL (JDS), April 24, 1979

Notes: Content Summary: section v masters from 10492 w/o page #'s

Box 118, Folder 8 Box 118, Folder 8, ICE Project Number 10492

ICE Folder Name: GOODYEAR AEROSPACE- AKRON PHASE II IN HOUSE CAPABIL. STUDY (MHE), April 09, 1979

Notes: Content Summary: Goodyear in-house needs

Box 118, Folder 9 Box 118, Folder 9, ICE Project Number 10492

ICE Folder Name: GOODYEAR AEROSPACE- AKRON PHASE II IN HOUSE CAPABIL. STUDY (MHE), April 09, 1979

Notes: Content Summary: LSI committee final report rough draft Oct. 9, 1979

Box 118, Folder 10 Box 118, Folder 10, ICE Project Number 10492

ICE Folder Name: GOODYEAR AEROSPACE- AKRON PHASE II IN HOUSE CAPABIL. STUDY (MHE), April 09, 1979

Notes: Content Summary: original report October ' 79

Box 118, Folder 11 Box 118, Folder 11, ICE Project Number 10492

ICE Folder Name: GOODYEAR AEROSPACE- AKRON PHASE II IN HOUSE CAPABIL. STUDY (MHE), April 09, 1979

Notes: Content Summary: appendices a1-a8 (originals)

Box 118, Folder 12 Box 118, Folder 12, ICE Project Number 10492

ICE Folder Name: GOODYEAR AEROSPACE- AKRON PHASE II IN
HOUSE CAPABIL. STUDY (MHE), April 09, 1979
Notes: Content Summary: correspondence

Box 118, Folder 13 Box 118, Folder 13, ICE Project Number 10492

ICE Folder Name: GOODYEAR AEROSPACE- AKRON PHASE II IN
HOUSE CAPABIL. STUDY (MHE), April 09, 1979
Notes: Content Summary: misc. originals

Box 118, Folder 14 Box 118, Folder 14, ICE Project Number 10495

ICE Folder Name: MEDTRONIC (NO P/Q#) (JDS), July 05, 1979
Notes: Content Summary: survey hi-rel BIMOS processes

Box 118, Folder 15 Box 118, Folder 15, ICE Project Number 10496
Notes: ICE Folder Name: SPRINGFIELD INSTRUMENT (DIVISION
OF SUNBEAM CORP.) HACKENSACK, NEW JERSEY., July
03, 1979

Box 119, Folder 1 Box 119, Folder 1, ICE Project Number 10497

ICE Folder Name: PROCESS EVAL - INTERSIL IMG654 4096 BIT
CMOS EPROM, Mar 07, 1979
Notes: Content Summary: Solid State Scientific report contains
orig. photo's, original working drafts,schematic etc

Box 119, Folder 2 Box 119, Folder 2, ICE Project Number 10497

ICE Folder Name: PROCESS EVAL - INTERSIL IMG654 4096 BIT
CMOS EPROM, Mar 07, 1979
Notes: Content Summary: Solid State Scientific correspondence

Box 119, Folder 3 Box 119, Folder 3, ICE Project Number 10498

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM,
July 13, 1979
Notes: Content Summary: IC development program

Box 119, Folder 4 Box 119, Folder 4, ICE Project Number 10498

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM,
July 13, 1979
Notes: Content Summary: monosil CMOS

Box 119, Folder 5 Box 119, Folder 5, ICE Project Number 10498

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM,
July 13, 1979
Notes: Content Summary: miscellaneous

Box 119, Folder 6	Box 119, Folder 6, ICE Project Number 10498
	ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979 Notes: Content Summary: wafer processors/suppliers MOS
Box 119, Folder 7	Box 119, Folder 7, ICE Project Number 10498
	ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979 Notes: Content Summary: bipolar - layout rules - spec 10498-02
Box 119, Folder 8	Box 119, Folder 8, ICE Project Number 10498
	ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979 Notes: Content Summary: design layout seminar, Scottsdale, Ariz. 9/5-7, 9/10-14, 9/17-21/97
Box 119, Folder 9	Box 119, Folder 9, ICE Project Number 10498
	ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979 Notes: Content Summary: correspondence
Box 119, Folder 10	Box 119, Folder 10, ICE Project Number 10499
	Notes: ICE Folder Name: ICE STATUS '80 SEMINAR JAN. 28, 1980, PENTAGON CITY, ARLINGTON, VA, Sept 21, 1979
Box 119, Folder 11	Box 119, Folder 11, ICE Project Number 10500
	ICE Folder Name: IMPLEMENTATION OF IC TECHNOLOGY, Sept 21, 1979 Notes: Content Summary: seminar - Pentagon City, Arlington, VA Jan 30-31, 1980
Box 119, Folder 12	Box 119, Folder 12, ICE Project Number 10501
	ICE Folder Name: FA III REPORTS, Aug 1979 Notes: Content Summary: economics of IC manufacturing (10501-02) status '79 midterm seminar world business climate product trends economics of IC mtg basic elect. Consid. In design of static safe work. Envir. Electrostatic discharge susceptibility
Box 119, Folder 13	Box 119, Folder 13, ICE Project Number 10502
	ICE Folder Name: IMPLEMENTATION II, Aug 08, 1979 Notes: Content Summary: draft report- wafer fabrication services seminar outline- implementation of IC technology

Box 120, Folder 1	Box 120, Folder 1, ICE Project Number 10503-11
	ICE Folder Name: LM 195 PROTECTED POWER TRANSISTOR, Oct 31,1979 Notes: Content Summary: (contains original photos)
Box 120, Folder 2	Box 120, Folder 2, ICE Project Number 10503-11 Notes: ICE Folder Name: SECTION #7 OVERLAY, Oct 31,1979
Box 120, Folder 3	Box 120, Folder 3, ICE Project Number 10503-11
	ICE Folder Name: LM 195 PROTECTED POWER TRANSISTOR, Oct 31,1979 Notes: Content Summary: torric po 5258 Dec. bipolar seminar 8-8x10 orig. photos
Box 120, Folder 4	Box 120, Folder 4, ICE Project Number 10503-11
	ICE Folder Name: POWER TRANSISTER LM 195, Oct 31,1979 Notes: Content Summary: Rod Schwartz- Motorola- review of the lm 195 orig. photos
Box 120, Folder 5	Box 120, Folder 5, ICE Project Number 10503-12/SN
	ICE Folder Name: IC TRANSISTOR DESIGN PART I NOTES, July 07,1979 Notes: Content Summary: IC transistor & resistor design IBM seminar Oct. 26-27, 1979
Box 120, Folder 6	Box 120, Folder 6, ICE Project Number 10503-12/SN Notes: ICE Folder Name: SUPPORTING NOTES TRANSISTOR DESIGN PART I, July 07,1979
Box 120, Folder 7	Box 120, Folder 7, ICE Project Number 10503-12/SN Notes: ICE Folder Name: TRANSISTOR DESIGN PART I, July 07,1979
Box 120, Folder 8	Box 120, Folder 8, ICE Project Number 10503-12/SN
	ICE Folder Name: TRANSISTOR DESIGN PART I, July 07,1979 Notes: Content Summary: additional appendix
Box 121, Folder 1	Box 121, Folder 1, ICE Project Number 10503-13
	ICE Folder Name: TRANS. DES. WORKSHEET, 1979 Notes: Content Summary: transistor design for the circuit designer publication master by James Thompson
Box 121, Folder 2	Box 121, Folder 2, ICE Project Number 10503-14

Notes: ICE Folder Name: METAL GATE CMOS LAYOUT RULES, Feb 5, 1974

Box 121, Folder 3 Box 121, Folder 3, ICE Project Number 10503-14

ICE Folder Name: CMOS LAYOUT MATERIALS AND TECHNIQUES, Feb 5, 1974
Notes: Content Summary: section five

Box 121, Folder 4 Box 121, Folder 4, ICE Project Number 10503-14

ICE Folder Name: FIGURE MASTERS, Feb 5, 1974
Notes: Content Summary: MOS layout prepared by Henry Edlestein

Box 121, Folder 5 Box 121, Folder 5, ICE Project Number 10503-14
Notes: ICE Folder Name: CMOS LAYOUT DESIGN, Feb 5, 1974

Box 121, Folder 6 Box 121, Folder 6, ICE Project Number 10503-14
Notes: ICE Folder Name: HENRY EDLESTEIN MASTERS SECTION, Feb 5, 1974

Box 121, Folder 7 Box 121, Folder 7, ICE Project Number 10503-14
Notes: ICE Folder Name: CMOS TEST PATTERN, Feb 5, 1974

Box 121, Folder 8 Box 121, Folder 8, ICE Project Number 10503-14A

ICE Folder Name: 10503-14A MOS LAYOUT, 1981
Notes: Content Summary: CMOS layout list of figures & logic design phase

Box 121, Folder 9 Box 121, Folder 9, ICE Project Number 10503-15

ICE Folder Name: VARIED PUBLICATION OUTLINES, Mar 1978
Notes: Content Summary: 14610-04], [14738,-01,-02,-03], [10503-14,-15]

Box 121, Folder 10 Box 121, Folder 10, ICE Project Number 10503-15
Notes: ICE Folder Name: MOS DESIGN SLIDES/NOTES, Mar 1978

Box 121, Folder 11 Box 121, Folder 11, ICE Project Number 10503-15

ICE Folder Name: SOLUTION FOR CMOS INVERTER THRESHOLD, Mar 1978
Notes: Content Summary: slides/glassine

Box 121, Folder 12 Box 121, Folder 12, ICE Project Number 10503-15
Notes: ICE Folder Name: 10503 OLD NOTES & FIGURES, Mar 1978

Box 121, Folder 13 Box 121, Folder 13, ICE Project Number 10503-15

Notes: ICE Folder Name: BASIC MOS THEORY NOTES/
PUBLICATION, Mar 1978

Box 121, Folder 14 Box 121, Folder 14, ICE Project Number 10503-15A

ICE Folder Name: 10503-15A MOS DESIGN PUBLICATIONS, Mar 1978
Notes: Content Summary: includes a camera ready copy with one
original photograph

Box 121, Folder 15 Box 121, Folder 15, ICE Project Number 10503-15B

ICE Folder Name: 10503-15B BASIC MOS THEORY PUBLICATIONS,
Mar 1978
Notes: Content Summary: includes aone camera ready copy

Box 122, Folder 1 Box 122, Folder 1, ICE Project Number 10503-17

ICE Folder Name: TRANS. & RES. DES., Sept 26, 1979
Notes: Content Summary: epitaxial process spec. and transistor
& resistor design (combined)

Box 122, Folder 2 Box 122, Folder 2, ICE Project Number 10503-19

ICE Folder Name: SLIDES 10503-19, Aug 13, 1973
Notes: Content Summary: integrated circuit biasing techniques

Box 122, Folder 3 Box 122, Folder 3, ICE Project Number 10503-23

ICE Folder Name: 10503-23, Undated
Notes: Content Summary: solution for CMOS inverter threshold &
slides Roger Schwartz Orininal's

Box 122, Folder 4 Box 122, Folder 4, ICE Project Number 10503-24

ICE Folder Name: CMOS DESIGN RULES, July 15, 1977
Notes: Content Summary: CMOS silicon gate design rules report
& slides

Box 122, Folder 5 Box 122, Folder 5, ICE Project Number 10503-25

ICE Folder Name: 10503-25 LM117, Undated
Notes: Content Summary: review of limit adjustable voltage
regulator notes & figures

Box 122, Folder 6 Box 122, Folder 6, ICE Project Number 10503-27

ICE Folder Name: CMOS DESIGN RULES, Undated
Notes: Content Summary: CMOS metal gate design rules & slide
masters (7.5 micron gate width)

Box 122, Folder 7	Box 122, Folder 7, ICE Project Number 10503-28
	ICE Folder Name: CIRCUIT APPLICATION-MC6860, Undated Notes: Content Summary: report & slide notes
Box 122, Folder 8	Box 122, Folder 8, ICE Project Number 10503-29
	ICE Folder Name: INTRODUCTION TO CIRCUIT ANALYSIS, Sept 1980 Notes: Content Summary: introduction to MOS circuit analysis & logic simulation
Box 122, Folder 9	Box 122, Folder 9, ICE Project Number 10503-30
	ICE Folder Name: CIRCUIT SIMULATION, Oct 1980 Notes: Content Summary: circuit 2 users manual
Box 122, Folder 10	Box 122, Folder 10, ICE Project Number 10503-31
	ICE Folder Name: LOGIC SIMULATION, Undated Notes: Content Summary: ICELOG users manual includes slides
Box 123, Folder 1	Box 123, Folder 1, ICE Project Number 10503-32
	ICE Folder Name: USE FOR PHOTOCOPYING (EMPTY FILE), Sept 26, 1979 Notes: Content Summary: work assignment sheet 10503-16 pub. applied MOS book
Box 123, Folder 2	Box 123, Folder 2, ICE Project Number 10503-33
	ICE Folder Name: CIRCUIT 2 APPLICATION NOTE, 1980 Notes: Content Summary: one "glassine flip chart" MOS model
Box 123, Folder 3	Box 123, Folder 3, ICE Project Number 10503-34
	Notes: ICE Folder Name: NMOS/PMOS LOGIC STRUCTURES AND CIRCUIT ANALYSIS, Sept 26, 1980
Box 123, Folder 4	Box 123, Folder 4, ICE Project Number 10503-35
	ICE Folder Name: NMOS/PMOS LAYOUT, 1980 Notes: Content Summary: (notes & publication)
Box 123, Folder 5	Box 123, Folder 5, ICE Project Number 10503-36
	Notes: ICE Folder Name: CIRCUIT DESIGN WORKSHOP, 1980
Box 123, Folder 6	Box 123, Folder 6, ICE Project Number 10503-37
	Notes: ICE Folder Name: LAYOUT WORKSHOP, 1980
Box 123, Folder 7	Box 123, Folder 7, ICE Project Number 10503-40

	Notes: ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 8	Box 123, Folder 8, ICE Project Number 10503-40A Notes: ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 9	Box 123, Folder 9, ICE Project Number 10503-40B Notes: ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 10	Box 123, Folder 10, ICE Project Number 10503-40C Notes: ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 11	Box 123, Folder 11, ICE Project Number 10503-41 Notes: ICE Folder Name: LOGCAP EXERCISE A, June 24, 1980
Box 123, Folder 12	Box 123, Folder 12, ICE Project Number 10503-41/SN Notes: ICE Folder Name: ANSWER TO LOGCAP EXERCISE A, June 24, 1980
Box 123, Folder 13	Box 123, Folder 13, ICE Project Number 10503-42 Notes: ICE Folder Name: NMOS METAL GATE DESIGN RULES, 1980
Box 123, Folder 14	Box 123, Folder 14, ICE Project Number 10503-43 Notes: ICE Folder Name: NMOS SILICON GATE DESIGN RULE, 1980
Box 123, Folder 15	Box 123, Folder 15, ICE Project Number 10503-44 Notes: ICE Folder Name: YOUR COMPUTER SYSTEM THE BASICS, Mar 14, 1978
Box 123, Folder 16	Box 123, Folder 16, ICE Project Number 10503-45 ICE Folder Name: TEST PROGRAM GENERATION, 1980 Notes: Content Summary: (for NCR use only)
Box 123, Folder 17	Box 123, Folder 17, ICE Project Number 10503-46 Notes: ICE Folder Name: ANSWERS FOR 10503-17 ADDENDUM, Undated
Box 123, Folder 18	Box 123, Folder 18, ICE Project Number 10503-47 Notes: ICE Folder Name: LABORATORY EXERCISES FOR USE IN CONJUNCTION WITH INTEGRATED CIRCUIT BIASING TECH. (ICE PUB. 10503-19), Jan 4, 198? Content Summary: notes too
Box 123, Folder 19	Box 123, Folder 19, ICE Project Number 10503-48 Notes: ICE Folder Name: OPERATIONAL AMPLIFIER LABORATORY EXERCISES, Jan 7, 1981 Content Summary: (notes too)

Box 123, Folder 20 Box 123, Folder 20, ICE Project Number 10503-49

ICE Folder Name: RESISTER DESIGN EXERCIZES, Jan 10, 1981
Notes: Content Summary: for use with "resistor worksheet for standard linear process" addend. To pub. 10503-17 (notes too)

Box 123, Folder 21 Box 123, Folder 21, ICE Project Number 10503-50

ICE Folder Name: SOLUTION TO RESISTOR DESIGN PROBLEMS, Jan 7, 1981
Notes: Content Summary: instructor handout for ICE pub. 10503-49 (notes too)

Box 123, Folder 22 Box 123, Folder 22, ICE Project Number 10503-54
Notes: ICE Folder Name: SUPPORTING NOTES FOR MOTOROLA 6802 PRODUCT EVALUATION, 1981

Box 124, Folder 1 Box 124, Folder 1, ICE Project Number 10505

ICE Folder Name: HERMAN MILLER, INC, May 08, 1979
Notes: Content Summary: typical semiconductor facilities

Box 124, Folder 2 Box 124, Folder 2, ICE Project Number 10505

ICE Folder Name: HERMAN MILLER, INC, May 08, 1979
Notes: Content Summary: clean room concepts.

Box 124, Folder 3 Box 124, Folder 3, ICE Project Number 10505

ICE Folder Name: HERMAN MILLER, INC, May 08, 1979
Notes: Content Summary: correspondence

Box 124, Folder 4 Box 124, Folder 4, ICE Project Number 10505

ICE Folder Name: HERMAN MILLER, INC, May 08, 1979
Notes: Content Summary: presentation: semiconductor/IC industry & facility problems 8/23-24/79

Box 124, Folder 5 Box 124, Folder 5, ICE Project Number 10505

ICE Folder Name: HERMAN MILLER, INC, May 08, 1979
Notes: Content Summary: proposed VSLIC facility for nosc/dod needs

Box 124, Folder 6 Box 124, Folder 6, ICE Project Number 10505

ICE Folder Name: HERMAN MILLER, INC, May 08, 1979
Notes: Content Summary: class 10,000 vertical laminar flow room req'mnts/installation/characteristics'/cost

Box 124, Folder 7	Box 124, Folder 7, ICE Project Number 10505
	ICE Folder Name: HERMAN MILLER, INC, May 08, 1979 Notes: Content Summary: analysis of stable growth of IC's based on consumption proj.
Box 124, Folder 8	Box 124, Folder 8, ICE Project Number 10506
	ICE Folder Name: TELEMATION, Aug 10, 1979 Notes: Content Summary: fairchild part # f464-3dc/64k memory device inability to ship
Box 124, Folder 9	Box 124, Folder 9, ICE Project Number 10507
	ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA- JAN. 27-30, 1980, June 13, 1979 Notes: Content Summary: "photo ready report" - "a compilation of visual aids used for wafer fabrication session"
Box 124, Folder 10	Box 124, Folder 10, ICE Project Number 10507
	ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA- JAN. 27-30, 1980, June 13, 1979 Notes: Content Summary: copy of reports for seminar captive semiconductor manufacturing changes in the semiconductor industry the captive point of view the captive market the semiconductor test equip. market
Box 124, Folder 11	Box 124, Folder 11, ICE Project Number 10507
	ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA- JAN. 27-30, 1980, June 13, 1979 Notes: Content Summary: semiconductor test equip. mkt grm present. overview mhe
Box 124, Folder 12	Box 124, Folder 12, ICE Project Number 10507
	ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA- JAN. 27-30, 1980, June 13, 1979 Notes: Content Summary: correspondence
Box 124	Box 125, Folder 1, ICE Project Number 10507
	ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA- JAN. 27-30, 1980, June 13, 1979 Notes: Content Summary: hsitc pub.1013/Nov. 1979 "competitive factors influencing world trade in integrated circuits"
Box 125, Folder 2	Box 125, Folder 2, ICE Project Number 10507

ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA-
JAN. 27-30, 1980, June 13, 1979

Notes: Content Summary: draft report "IC market" including
technical article reprints

Box 125, Folder 3 Box 125, Folder 3, ICE Project Number 10507

ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA-
JAN. 27-30, 1980, June 13, 1979

Notes: Content Summary: semi 1979/1980 directory

Box 125, Folder 4 Box 125, Folder 4, ICE Project Number 10508

ICE Folder Name: TETRONIX, June 15, 1979

Notes: Content Summary: IC lab design & layout for r&d equip.
selection. Miscell.

Box 125, Folder 5 Box 125, Folder 5, ICE Project Number 10510

ICE Folder Name: NIKON INSTRUMENT DIVISION, Mar 09, 1979

Notes: Content Summary: master req for optical instrum. in IC hfg
one orig. photo.

Box 125, Folder 6 Box 125, Folder 6, ICE Project Number 10510

ICE Folder Name: NIKON INSTRUMENT CORP, Mar 09, 1979

Notes: Content Summary: req for optical instrum. In IC mfg
correspondence & notes

Box 125, Folder 7 Box 125, Folder 7, ICE Project Number 10510

ICE Folder Name: NIKON INSTRUMENT DIVISION, Mar 09, 1979

Notes: Content Summary: req for optical instrum. In IC mfg
technical articles- one 8x10 org photo

Box 125, Folder 8 Box 125, Folder 8, ICE Project Number 10511

ICE Folder Name: STATUS '80 SEMINAR, Aug 20, 1979

Notes: Content Summary: Feb. 6, 1980- Riskey's Hyatt House,
Palo Alto, CA

Box 125, Folder 9 Box 125, Folder 9, ICE Project Number 10512

ICE Folder Name: IMPLEMENTATION OF IC TECH, Jan 24, 1980

Notes: Content Summary: seminar- Phoenix, AZ. Feb. 26-27/80

Box 125, Folder 10 Box 125, Folder 10, ICE Project Number 10513

Notes: ICE Folder Name: FAILURE AVOIDANCE SEMINAR, Feb 14,
1980 Content Summary: Double Tree Inn, Scottsdale, AZ Apr.
11-12, 1980.

Box 125, Folder 11	Box 125, Folder 11, ICE Project Number 10514
	ICE Folder Name: 3M COMPANY, July 20, 1979 Notes: Content Summary: lo analysis of supplied carts (porch order only)
Box 125, Folder 12	Box 125, Folder 12, ICE Project Number 10515
	ICE Folder Name: SILICON WATER FABRICATION TRNG PROG. CANON USA, July 19, 1979 Notes: Content Summary: U of NC12, July 30-Aug. 24, 1979
Box 126, Folder 1	Box 126, Folder 1, ICE Project Number 10516
	ICE Folder Name: ITT (GRM PRESENTATION "FUTURE TRENDS IN VLSI"), June 25, 1979 Notes: Content Summary: drafts
Box 126, Folder 2	Box 126, Folder 2, ICE Project Number 10516
	ICE Folder Name: ITT (GRM PRESENTATION "FUTURE TRENDS IN VLSI"), June 25, 1979 Notes: Content Summary: correspondence
Box 126, Folder 3	Box 126, Folder 3, ICE Project Number 10516
	ICE Folder Name: ITT (GRM PRESENTATION "FUTURE TRENDS IN VLSI"), June 25, 1979 Notes: Content Summary: planning discussion mtg., bolton, mass. Aug. 20, 1979
Box 126, Folder 4	Box 126, Folder 4, ICE Project Number 10517
	ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Notes: Content Summary: site selection study
Box 126, Folder 5	Box 126, Folder 5, ICE Project Number 10517
	ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Notes: Content Summary: new LSIO facility
Box 126, Folder 6	Box 126, Folder 6, ICE Project Number 10517
	Notes: ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Content Summary: microelectronic training resources
Box 126, Folder 7	Box 126, Folder 7, ICE Project Number 10517
	Notes: ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Content Summary: LSI study/ sector LSI planning group

Box 126, Folder 8	Box 126, Folder 8, ICE Project Number 10517 Notes: ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Content Summary: report- managing LSI/CHSI technology (GE Utica, NY)
Box 126, Folder 9	Box 126, Folder 9, ICE Project Number 10517 ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Notes: Content Summary: correspondence, call reports, internal memo's
Box 126, Folder 10	Box 126, Folder 10, ICE Project Number 10517 ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979 Notes: Content Summary: "y" miscellaneous
Box 126, Folder 11	Box 126, Folder 11, ICE Project Number 10518 ICE Folder Name: FORD AEROSPACE & COMMUNICATIOINS CORP, Aug 06, 1979 Notes: Content Summary: microelectronics facility costing & equipment study
Box 126, Folder 12	Box 126, Folder 12, ICE Project Number 10518 ICE Folder Name: FORD AEROSPACE & COMMUNICATIOINS CORP, Aug 06, 1979 Notes: Content Summary: microelectronics facility costing & equipment study correspondence
Box 126, Folder 13	Box 126, Folder 13, ICE Project Number 10519 ICE Folder Name: SUNBEAM CLOCK COMPANY (UNIT OF SPRINGFIELD INSTRU. CO), June 06, 1979 Notes: Content Summary: crystal clock movements
Box 127, Folder 1	Box 127, Folder 1, ICE Project Number 10519 ICE Folder Name: SUNBEAM CLOCK COMPANY (UNIT OF SPRINGFIELD INSTRU. CO), June 06, 1979 Notes: Content Summary: correspondence
Box 127, Folder 2	Box 127, Folder 2, ICE Project Number 10519 ICE Folder Name: SUNBEAM CLOCK COMPANY (UNIT OF SPRINGFIELD INSTRU. CO), June 06, 1979 Notes: Content Summary: call sheets
Box 127, Folder 3	Box 127, Folder 3, ICE Project Number 10520

ICE Folder Name: SYSTEM DEVELOPMENT CORP, July 17,1979
Notes: Content Summary: alphasatron piper & bg ROM design review correspondence mhe

Box 127, Folder 4 Box 127, Folder 4, ICE Project Number 10520

ICE Folder Name: SYSTEM DEVELOPMENT CORP, July 17,1979
Notes: Content Summary: alphasatron piper & bg ROM design review general & misc. info (mhe)

Box 127, Folder 5 Box 127, Folder 5, ICE Project Number 10520

ICE Folder Name: SYSTEM DEVELOPMENT CORP, July 17,1979
Notes: Content Summary: alphasatron piper & bg ROM design review photocopies

Box 127, Folder 6 Box 127, Folder 6, ICE Project Number 10522

ICE Folder Name: TEMPRESS CORP.- IC FABRICATION SEMINAR, Mar 23,1979
Notes: Content Summary: 10/22/79 at Los Gatos, CA.

Box 127, Folder 7 Box 127, Folder 7, ICE Project Number 10523

ICE Folder Name: GENERAL AUTOMATION, Aug 10, 1979
Notes: Content Summary: 4k hypak failure analysis.

Box 127, Folder 8 Box 127, Folder 8, ICE Project Number 10524

ICE Folder Name: SELF CHECKING I.C. TECHNOLOGY-SIEMENS, Aug 03, 1979
Notes: Content Summary: master (self checking semiconductor chips)

Box 127, Folder 9 Box 127, Folder 9, ICE Project Number 10524

ICE Folder Name: SELF CHECKING I.C. TECHNOLOGY-SIEMENS, Aug 03, 1979
Notes: Content Summary: artwork

Box 127, Folder 10 Box 127, Folder 10, ICE Project Number 10524

ICE Folder Name: SELF CHECKING I.C. TECHNOLOGY-SIEMENS, Aug 03, 1979
Notes: Content Summary: miscellaneous

Box 127, Folder 11 Box 127, Folder 11, ICE Project Number 10524

ICE Folder Name:., Aug 03, 1979
Notes: Content Summary: correspondenc

Box 127, Folder 12	Box 127, Folder 12, ICE Project Number 10524
	ICE Folder Name: SELF CHECKING I.C. TECHNOLOGY-SIEMENS, Aug 03, 1979 Notes: Content Summary: misc. technical papers.
Box 127, Folder 13	Box 127, Folder 13, ICE Project Number 10526
	ICE Folder Name: GTE ANALYSIS FO FUTURE REQUIREMENTS, April 16, 1979 Notes: Content Summary: (GTE Huntsville, microcircuits div.) evaluations of varie companys for acquisition Nanon/ Nitron, EM&M (Elect. Mem & Mag)
Box 127, Folder 14	Box 127, Folder 14, ICE Project Number 10526
	ICE Folder Name: GTE ANALYSIS FO FUTURE REQUIREMENTS, April 16, 1979 Notes: Content Summary: (gm) trip folder 10-31-79
Box 128, Folder 1	Box 128, Folder 1, ICE Project Number 10526
	ICE Folder Name: GTE ANALYSIS FO FUTURE REQUIREMENTS, April 16, 1979 Notes: Content Summary: correspondence
Box 128, Folder 2	Box 128, Folder 2, ICE Project Number 10527
	ICE Folder Name: SILICON GENERAL/CONTRACT-SPERRY/UNIVAC, April 05, 1978 Notes: Content Summary: design and layout of the 55329 circuit
Box 128, Folder 3	Box 128, Folder 3, ICE Project Number 10527
	ICE Folder Name: SILICON GENERAL/CONTRACT-SPERRY/UNIVAC, April 05, 1978 Notes: Content Summary: design and layout of the 55329 circuit
Box 128, Folder 4	Box 128, Folder 4, ICE Project Number 10528
	ICE Folder Name: SRI INTERNATIONAL, Dec 04, 1978 Notes: Content Summary: profile of American Microsystems report master copy
Box 128, Folder 5	Box 128, Folder 5, ICE Project Number 10528
	ICE Folder Name: SRI INTERNATIONAL, Dec 04, 1978 Notes: Content Summary: profile of American Microsystems orig. graphs.

Box 128, Folder 6	Box 128, Folder 6, ICE Project Number 10528
	ICE Folder Name: SRI INTERNATIONAL, Dec 04, 1978 Notes: Content Summary: profile of American Microsystems correspondence
Box 128, Folder 7	Box 128, Folder 7, ICE Project Number 10528
	ICE Folder Name: SRI INTERNATIONAL, Dec 04, 1978 Notes: Content Summary: profile of American Microsystems 600 m- miscellaneous
Box 128, Folder 8	Box 128, Folder 8, ICE Project Number 10529
	ICE Folder Name: SUMITOMO ELECTRIC, Aug 13, 1979 Notes: Content Summary: train/plan/prog. Management to dev/fab./design capability for MOS I.C.
Box 129, Folder 1	Box 129, Folder 1, ICE Project Number 10546
	ICE Folder Name: CUTLER-HAMMER, Feb 27, 1979 Notes: Content Summary: x-ray lithography
Box 129, Folder 2	Box 129, Folder 2, ICE Project Number 10547
	Notes: ICE Folder Name: COMSAT, Nov 01, 1979
Box 129, Folder 3	Box 129, Folder 3, ICE Project Number 10548
	ICE Folder Name: VARO SEMICONDUCTOR, Dec 07, 1977 Notes: Content Summary: product planning program master
Box 129, Folder 4	Box 129, Folder 4, ICE Project Number 10548
	ICE Folder Name: VARO SEMICONDUCTOR, Dec 07, 1977 Notes: Content Summary: trip folder/semiconductor marketing/semiconductor forecast (1974-1982)
Box 129, Folder 5	Box 129, Folder 5, ICE Project Number 10548
	ICE Folder Name: VARO SEMICONDUCTOR, Dec 07, 1977 Notes: Content Summary: Int'nat'l Rectif. Hextet power MOSFET & light-triggerd thyristors for elect. Power systems. Ge research report
Box 129, Folder 6	Box 129, Folder 6, ICE Project Number 10550
	ICE Folder Name: LEAR-SIEGLER, SIERRA ELECTRONICS CO (DIV.) (MHE), Oct 11, 1979 Notes: Content Summary: mgmt. Dev, mtgm San Diego, CA 10/1-11/1/79 orig. slides

Box 129, Folder 7 Box 129, Folder 7, ICE Project Number 10555

ICE Folder Name: TEXAS INSTRUMENTS, Nov 12, 1979
Notes: Content Summary: IC sales dollars for varied companies project

Box 129, Folder 8 Box 129, Folder 8, ICE Project Number 10556

ICE Folder Name: HUGES (HUGHES) AIRCRAFT LSI PROJECT FILE, Aug 1979
Notes: Content Summary: includes 4 tranparencies

Box 129, Folder 9 Box 129, Folder 9, ICE Project Number 10556

ICE Folder Name: HUGHES AIRCRAFT LSI, Aug 1979
Notes: Content Summary: ICE report- review of CHSIC prog. For Dept. of Def. Rev. b

Box 129, Folder 10 Box 129, Folder 10, ICE Project Number 10556

ICE Folder Name: HUGHES AIRCRAFT LSI, Aug 1979
Notes: Content Summary: originals- proc. Or in house mfg of LSI altern. 11/79

Box 129, Folder 11 Box 129, Folder 11, ICE Project Number 10557

ICE Folder Name: FOUR PHASE SYS. PROD. EVAL. CONSTR. ANALY 10/13/79, Sept 09, 1979
Notes: Content Summary: test & evalof 4 phase RAM-12 wafers

Box 129, Folder 12 Box 129, Folder 12, ICE Project Number 10557

ICE Folder Name: FOUR PHASE SYS. PROD. EVAL. CONSTR. ANALY 10/13/79, Sept 06, 1979
Notes: Content Summary: spec. report "analysis of two four pahse RAM-12 wafers Dec. 1979 original text original photos -2 8x10 - 1 9x7 "made up" of 6 smaller taped together - 19 orig 4x5 polaroids - 1 tranparency

Box 129, Folder 13 Box 129, Folder 13, ICE Project Number 10558

Notes: ICE Folder Name: FAILURE AVOIDANCE SEMINAR, UNIV. BORDEAU, TALENCE FRANCE 11/21-23/1979, Aug 11, 1979

Box 129, Folder 14 Box 129, Folder 14, ICE Project Number 10558

ICE Folder Name: FAILURE AVOIDANCE SEMINAR, UNIV. BORDEAU, TALENCE FRANCE 11/21-23/1979, Aug 11, 1979
Notes: Content Summary: correspondence

Box 130, Folder 1 Box 130, Folder 1, ICE Project Number 10559

ICE Folder Name: APEM ELECTRONIC SUSTEM SEMINAR, HURON,
OHIO 12/9-12/1979, Oct 11, 1979

Notes: Content Summary: for General Motors Institute
correspondence

Box 130, Folder 2 Box 130, Folder 2, ICE Project Number 10559

ICE Folder Name: APEM ELECTRONIC SUSTEM SEMINAR, HURON,
OHIO 12/9-12/1979, Oct 11, 1979

Notes: Content Summary: seminar course material

Box 130, Folder 3 Box 130, Folder 3, ICE Project Number 10560

Notes: ICE Folder Name: INTEGRATED CIRCUIT PROCUREMENT
SEMINAR AT SCOTTSDALE, ARIZONA, DEC 12-14, 1979,
Aug 23, 1979

Box 130, Folder 4 Box 130, Folder 4, ICE Project Number 10561

Notes: ICE Folder Name: POTENTIAL THREAT OF FURTHER
SEMICONDUCTOR INDUSTRY EXPANSION GENERAL
ELECTRIC, Oct 03, 1979

Box 130, Folder 5 Box 130, Folder 5, ICE Project Number 10561

ICE Folder Name: POTENTIAL THREAT OF FURTHER
SEMICONDUCTOR INDUSTRY EXPANSION GENERAL ELECTRIC,
Oct 03, 1979

Notes: Content Summary: [orig. of report]

Box 130, Folder 6 Box 130, Folder 6, ICE Project Number 10562

ICE Folder Name: CANCELLED I.C. TRANSISTOR DESIGN SEMINAR
FOR IBM, Oct 25, 1979

Notes: Content Summary: (12/10-12 & 12/12-14/1979)

Box 130, Folder 7 Box 130, Folder 7, ICE Project Number 10563

ICE Folder Name: GENERAL SIGNAL - EVALUATE ACQUISITION
POTENTIALS, Nov 01, 1979

Notes: Content Summary: Cobilt

Box 130, Folder 8 Box 130, Folder 8, ICE Project Number 10563

ICE Folder Name: GENERAL SIGNAL - EVALUATE ACQUISITION
POTENTIALS, Nov 01, 1979

Notes: Content Summary: Xynetics

Box 130, Folder 9 Box 130, Folder 9, ICE Project Number 10563

ICE Folder Name: GENERAL SIGNAL - EVALUATE ACQUISITION
POTENTIALS, Nov 01 1979

Notes: Content Summary: Hamco

Box 131, Folder 1 Box 131, Folder 1, ICE Project Number 10563

ICE Folder Name: GENERAL SIGNAL - EVALUATE ACQUISITION
POTENTIALS, Nov 01, 1979Notes: Content Summary: special seminar - semiconductor
fabrication equipment (12-18-79)Box 131, Folder 2 Box 131, Folder 2, ICE Project Number 10564
Notes: ICE Folder Name: FAILURE AVOIDANCE SEMINAR
SCOTTSDALE, ARIZONA JUNE 11,12, 1980, Nov 06, 1979Box 131, Folder 3 Box 131, Folder 3, ICE Project Number 10565
Notes: ICE Folder Name: IMPLEMENTATION OF I.C. TECHNOLOGY
SEMINAR PALO ALTO, CALIF, APRIL 23-24, 1980, Nov 12,
1979

Box 131, Folder 4 Box 131, Folder 4, ICE Project Number 10566

ICE Folder Name: KIET(KOREA INSTIT. OF ELECTRONICS TECH),
July 05, 1979

Notes: Content Summary: correspondence contains 14 orig.

Box 131, Folder 5 Box 131, Folder 5, ICE Project Number 10566

ICE Folder Name: KIET(KOREA INSTIT. OF ELECTRONICS
TECHNOLOGY), July 05, 1979

Notes: Content Summary: training program.

Box 131, Folder 6 Box 131, Folder 6, ICE Project Number 10567

ICE Folder Name: SMC(STANDARD MICROSYSTEMS CORP), Mar 14,
1979Notes: Content Summary: special analysis(hm4716a-2 16k RAM)
mfg by Hitachi

Box 131, Folder 7 Box 131, Folder 7, ICE Project Number 10587

ICE Folder Name: WORLD BANK PROJECTS, Aug 04, 1977

Notes: Content Summary: translate & evaluate documents on
Mexican electronics industry includes indust. control
equip./ telephone & other telecom. equip/ microcomputers.
quote 1997A

Box 132, Folder 1 Box 132, Folder 1, ICE Project Number 10587

ICE Folder Name: WORLD BANK PROJECTS, Aug 04, 1977

Notes: Content Summary: four year rd & e program (1980-1983)
- training b. polar & MOS in ws -n channel silicon gate
processing 4 original photos

Box 132, Folder 2 Box 132, Folder 2, ICE Project Number 10589

ICE Folder Name: MEMOREX CORPORATION, Dec 10, 1979
Notes: Content Summary: proposal to train I.C. product eval.
Techniques

Box 132, Folder 3 Box 132, Folder 3, ICE Project Number 10593

ICE Folder Name: MCKINSEY & COMPANY, INC, Jan 08, 1980
Notes: Content Summary: consulting/ training status &
implementation of IC's report.- IBM system/ 38 technical
developments (IBM)

Box 132, Folder 4 Box 132, Folder 4, ICE Project Number 10594

ICE Folder Name: ICE CAP REPORT, May 01, 1980
Notes: Content Summary: original report Japanese IC world
penetration

Box 132, Folder 5 Box 132, Folder 5, ICE Project Number 10594

ICE Folder Name: ICE CAP REPORT, May 01, 1980
Notes: Content Summary: micellaneous. Copyright regist graphs

Box 133, Folder 1 Box 133, Folder 1, ICE Project Number 10595

ICE Folder Name: MARTIN MARIETTA CONSULTING, Dec 19, 1979
Notes: Content Summary: Harris Semiconductor, Fla. b. polar
circuits not meeting specs.

Box 133, Folder 2 Box 133, Folder 2, ICE Project Number 10597

ICE Folder Name: CHERRY SEMICONDUCTOR, Jan 16, 1980
Notes: Content Summary: "1979 Yieldbust" increased wafer prod.
With insufficient trained personnel

Box 133, Folder 3 Box 133, Folder 3, ICE Project Number 10598

ICE Folder Name: G.S. GRUMMAN/COWEN, Jan 07, 1980
Notes: Content Summary: annual consulting agreement

Box 133, Folder 4 Box 133, Folder 4, ICE Project Number 10599

ICE Folder Name: ROSE MOUNT, INC LAB & LAB SITE, Jan 16, 1980
Notes: Content Summary: program to establish flexible r&d
semiconductor facility correspondence

Box 133, Folder 5	Box 133, Folder 5, ICE Project Number 10599
	ICE Folder Name: ROSE MOUNT, INC LAB & LAB SITE, Jan 16, 1980 Notes: Content Summary: program to establish flexible r&d semiconductor facility reports - phase I. Photolithog. lab & r&d site selection (2) - the automatic I.C. factor.
Box 133, Folder 6	Box 133, Folder 6, ICE Project Number 10620
	ICE Folder Name: CORSO GRAY INSTRUMENTS (CGI) (found in 14620), Mar 30, 1979 Notes: Content Summary: Texas Instr. Comparison of cgi and themeo 4-stack furnace proj.
Box 133, Folder 7	Box 133, Folder 7, ICE Project Number 10621
	ICE Folder Name: PRESENTATION AT ITT (N.Y.) (HKD), Jan 31, 1980 Notes: Content Summary: gold in the semiconductor industry
Box 133, Folder 8	Box 133, Folder 8, ICE Project Number 10624
	ICE Folder Name: ALLIED CHEMICAL CORP., March 05, 1980 Notes: Content Summary: silicon wafer fabrication trends.
Box 133, Folder 9	Box 133, Folder 9, ICE Project Number 10626
	ICE Folder Name: FORD AEROSPACE (WIS), Mar 14, 1980 Notes: Content Summary: market study for wafer inspection systems
Box 134, Folder 1	Box 134, Folder 1, ICE Project Number 10649
	ICE Folder Name: SEMI-WAFER FABRICATION- LITHOGRAPHY (MEK), April 07, 1980 Notes: Content Summary: (contribution to semi-outlook publication)
Box 134, Folder 2	Box 134, Folder 2, ICE Project Number 10657
	ICE Folder Name: ITT-SENSOR TECHNOLOGY & MARKETS, May 01, 1980 Notes: Content Summary: intelligent products, microprocessors, automotive sensors
Box 134, Folder 3	Box 134, Folder 3, ICE Project Number 10661
	ICE Folder Name: MID-TERM STATUS - PALO ALTO. CA AUG. 26, 1980, May 05, 1980 Notes: Content Summary: seminar, correspond/miscel

Box 134, Folder 4	Box 134, Folder 4, ICE Project Number 10665
	ICE Folder Name: BASIC TECHNOLOGY, April 10, 1980 Notes: Content Summary: Palo Alto, CA
Box 134, Folder 5	Box 134, Folder 5, ICE Project Number 10667
	ICE Folder Name: UNIVERSITY OF MINNESOTA (WIS), Jan 14, 1980 Notes: Content Summary: projections on power transistors
Box 134, Folder 6	Box 134, Folder 6, ICE Project Number 10668
	ICE Folder Name: UNITED ENGINEERS & CONST. INC, Mar 27, 1980 Notes: Content Summary: proposed 800,000 sq. ft. semiconductro facility for Western Electric
Box 134, Folder 7	Box 134, Folder 7, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: semiconductors patent litigation tasks a-m
Box 134, Folder 8	Box 134, Folder 8, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: task a- sputtering
Box 134, Folder 9	Box 134, Folder 9, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: task b- semi alloys
Box 135, Folder 1	Box 135, Folder 1, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: task c,d,e,g,m c-16k RAM d-analog device bonding operations e-Japan bipolar exports g-silicon gates sales m-analog devices product pricing
Box 135, Folder 2	Box 135, Folder 2, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: task f- modem purchase
Box 135, Folder 3	Box 135, Folder 3, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: task h- timer study

Box 135, Folder 4	Box 135, Folder 4, ICE Project Number 10669
	ICE Folder Name: WESTERN ELECTRIC, Feb 08, 1980 Notes: Content Summary: task j- lambda sales task k- lamda we patents on diffusion etc.
Box 135, Folder 5	Box 135, Folder 5, ICE Project Number 10674
	ICE Folder Name: GENERAL INSTRUMENT/HICKSVILLE, NY, April 15,1980 Notes: Content Summary: availability for pojection alignment machines
Box 135, Folder 6	Box 135, Folder 6, ICE Project Number 10679
	ICE Folder Name: HONEYWELL JUNE 18, 1980 PRESENTATION, May 05, 1980 Notes: Content Summary: IC technology in the 80's report & transparencies
Box 135, Folder 7	Box 135, Folder 7, ICE Project Number 10679
	ICE Folder Name: HONEYWELL JUNE 18, 1980 PRESENTATION, May 05, 1980 Notes: Content Summary: IC technology in the 80's transparencies
Box 135, Folder 8	Box 135, Folder 8, ICE Project Number 10679
	ICE Folder Name: WANG LABORATORIES, May 16, 1980 Notes: Content Summary: LSI facility planning retainer contract correspond./miscell
Box 135, Folder 9	Box 135, Folder 9, ICE Project Number 10679
	ICE Folder Name: WANG LABORATORIES, May 16, 1980 Notes: Content Summary: LSI facility planning retainer contract educational program for operators
Box 135, Folder 10	Box 135, Folder 10, ICE Project Number 10679
	ICE Folder Name: WANG LABORATORIES, May 16, 1980 Notes: Content Summary: LSI facility planning retainer contract LSI design system implementation plan.
Box 135, Folder 11	Box 135, Folder 11, ICE Project Number 10679
	ICE Folder Name: WANG LABORATORIES, May 16, 1980 Notes: Content Summary: LSI facility planning retainer contract report on job classification documentation

Box 135, Folder 12	Box 135, Folder 12, ICE Project Number 10679
	ICE Folder Name: WANG LABORATORIES, May 16, 1980 Notes: Content Summary: LSI facility planning retainer contract assembly area equipment list
Box 135, Folder 13	Box 135, Folder 13, ICE Project Number 10679
	ICE Folder Name: WANG LABORATORIES, May 16, 1980 Notes: Content Summary: LSI facility planning retainer contract utility matrix
Box 136, Folder 1	Box 136, Folder 1, ICE Project Number 10681
	ICE Folder Name: DUPONT, Jan 17, 1980 Notes: Content Summary: mkt. feasibility study for polyimide usage in the semiconductor industry corresp./miscell
Box 136, Folder 2	Box 136, Folder 2, ICE Project Number 10681
	ICE Folder Name: DUPONT, Jan 17, 1980 Notes: Content Summary: mkt. feasibility study for polyimide usage in the semiconductor industry - master
Box 136, Folder 3	Box 136, Folder 3, ICE Project Number 10681
	ICE Folder Name: DUPONT, Jan 17, 1980 Notes: Content Summary: market feasibility study for polyimide usage in the semiconductor industry - competition
Box 136, Folder 4	Box 136, Folder 4, ICE Project Number 10684
	ICE Folder Name: GOULD NAVCON SYSTEMS DIV, May 06, 1980 Notes: Content Summary: impact of semiconductors seminar June 12, 1980
Box 136, Folder 5	Box 136, Folder 5, ICE Project Number 10684
	ICE Folder Name: GOULD NAVCON SYSTEMS DIV, May 06, 1980 Notes: Content Summary: impact of semiconductor seminar report master copy
Box 136, Folder 6	Box 136, Folder 6, ICE Project Number 10766
	ICE Folder Name: PEABODY TESTING SERVICES GRM, Sept 03, 1980 Notes: Content Summary: semiconductor handlers and equip. mkt report
Box 136, Folder 7	Box 136, Folder 7, ICE Project Number 10766

ICE Folder Name: PEABODY TESTING SERVICES GRM, Sept 03, 1980
Notes: Content Summary: semiconductor handlers and equip.
mkt. Miscellaneous

Box 136, Folder 8 Box 136, Folder 8, ICE Project Number 10795

ICE Folder Name:
Notes: Content Summary: file empty

Box 137, Folder 1 Box 137, Folder 1, ICE Project Number 10819

ICE Folder Name: EXXON ENTERPRISES, Sept 19, 1980
Notes: Content Summary: market study for high-density CMOS
ROM final report and "marked up" draft

Box 137, Folder 2 Box 137, Folder 2, ICE Project Number 10819

ICE Folder Name: EXXON ENTERPRISES, Sept 19, 1980
Notes: Content Summary: market study for high-density CMOS
ROM miscellaneous

Box 137, Folder 3 Box 137, Folder 3, ICE Project Number 10820

ICE Folder Name: WESTERN DIGITAL CORP. GRM/HKD, Nov 03, 1980
Notes: Content Summary: 4" wafer fab. facility acquisition
engineering appraisal of gte-phoenix (report(s))

Box 137, Folder 4 Box 137, Folder 4, ICE Project Number 10820

ICE Folder Name: WESTERN DIGITAL CORP. GRM/HKD, Nov 03, 1980
Notes: Content Summary: 4" wafer fab. Facility acquisition
miscellaneous

Box 137, Folder 5 Box 137, Folder 5, ICE Project Number 10821

ICE Folder Name: MCKINSEY & CO USA/JAPAN, Nov 03, 1980
Notes: Content Summary: economics of Japan for production &
worldwide marketing of discrete semiconductors & IC's

Box 138, Folder 1 Box 138, Folder 1, ICE Project Number 10826

ICE Folder Name: STRATEGIC ANALYSIS INC., Nov 10, 1980
Notes: Content Summary: chemicals and related material for the
semiconductor industry

Box 138, Folder 2 Box 138, Folder 2, ICE Project Number 10828

ICE Folder Name: SUMITOMO ELECTRIC USA, INC, June 26, 1980
Notes: Content Summary: companies involved in GaAs and
Group III-V products master report

Box 138, Folder 3	Box 138, Folder 3, ICE Project Number 10828
	ICE Folder Name: SUMITOMO ELECTRIC USA, INC, June 26, 1980 Notes: Content Summary: companies involved in GaAs and Group III-V products
Box 138, Folder 4	Box 138, Folder 4, ICE Project Number 10829
	ICE Folder Name: XEROX DEV. CORP, Nov 21, 1980 Notes: Content Summary: potential high resolution laser printer application to multi layer printed circuit board mfg.
Box 138, Folder 5	Box 138, Folder 5, ICE Project Number 10833
	ICE Folder Name: GENERAL MOTORS APEM SEMINAR 2/23-26/81 ANN ARBOR, MI [ADVANCED PROGRAM FOR ENGINEERING MANAGERS], Nov 21, 1980 Notes: Content Summary: computers/microelectronics/qc/ seminar/course details
Box 138, Folder 6	Box 138, Folder 6, ICE Project Number 10833
	ICE Folder Name: GENERAL MOTORS APEM SEMINAR 2/23-26/81 ANN ARBOR, MI, Nov 21, 1980 Notes: Content Summary: computers/microelectronics/qc/ correspondence/course evals
Box 138, Folder 7	Box 138, Folder 7, ICE Project Number 10840
	ICE Folder Name: CUTLER-HAMMER, Dec 23, 1980 Notes: Content Summary: initial exploratory meeting (mhe)
Box 138, Folder 8	Box 138, Folder 8, ICE Project Number 10844
	ICE Folder Name: HITACHI RESEARCH INSTITUTE, Dec 17, 1980 Notes: Content Summary: semiconductor decision making process at Motorola & Micarl & TI includes custom LSI usag
Box 138, Folder 9	Box 138, Folder 9, ICE Project Number 10844
	ICE Folder Name: HITACHI RESEARCH INSTITUTE, Dec 17, 1980 Notes: Content Summary: semiconductor decision making process at Motorola & Micarl & TI includes custom LSI usage master report draft
Box 139, Folder 1	Box 139, Folder 1, ICE Project Number 10844
	ICE Folder Name: HITACHI RESEARCH INSTITUTE, Dec 17, 1980

Notes: Content Summary: semiconductor decision making process at Motorola & Micarl & TI includes custom LSI usage correspondence and company reports

Box 139, Folder 2 Box 139, Folder 2, ICE Project Number 10855

ICE Folder Name: COST INFORMATION, Nov 1979
Notes: Content Summary: (management measuring sticks)

Box 139, Folder 3 Box 139, Folder 3, ICE Project Number 10855

ICE Folder Name: COST INFORMATION, Nov 1979
Notes: Content Summary: Digital Equip. corp

Box 139, Folder 4 Box 139, Folder 4, ICE Project Number 10856

ICE Folder Name: CASL REPORT, Jan 29, 1981
Notes: Content Summary: 15-856-2 master copy

Box 139, Folder 5 Box 139, Folder 5, ICE Project Number 10857
Notes: ICE Folder Name: GTE PHOENIX IC EVALUATION, Dec 22, 1980

Box 139, Folder 6 Box 139, Folder 6, ICE Project Number 10857
Notes: ICE Folder Name: I.C. MARKET STRATEGY SURVEY, Dec 22, 1980

Box 139, Folder 7 Box 139, Folder 7, ICE Project Number 10857
Notes: ICE Folder Name: A STUDY OF MERCAHNT IC MARKET STRATEGY, Dec 22, 1980

Box 140, Folder 1 Box 140, Folder 1, ICE Project Number 10858

ICE Folder Name:
Notes: Content Summary: empty folder

Box 140, Folder 2 Box 140, Folder 2, ICE Project Number 10858

ICE Folder Name:
Notes: Content Summary: empty folder

Box 140, Folder 3 Box 140, Folder 3, ICE Project Number 10858

ICE Folder Name:
Notes: Content Summary: empty folder

Box 140, Folder 4 Box 140, Folder 4, ICE Project Number 11605

ICE Folder Name: WESTINGHOUSE - YOUNGWOOD, PA., Jan 16, 1980

	Notes:	Content Summary: consultation automated wafer handling & equip.
Box 140, Folder 5	Box 140, Folder 5, ICE Project Number 11611	
	ICE Folder Name:	GENERAL ELECTRIC - VALLEY FORGE, Feb 14, 1980
	Notes:	Content Summary: proposed microelectronics center
Box 140, Folder 6	Box 140, Folder 6, ICE Project Number 11611	
	ICE Folder Name:	GENERAL ELECTRIC - VALLEY FORGE, Feb 14, 1980
	Notes:	Content Summary: proposed microelectronics center correspondence
Box 140, Folder 7	Box 140, Folder 7, ICE Project Number 11611	
	ICE Folder Name:	GENERAL ELECTRIC - VALLEY FORGE, Feb 14, 1980
	Notes:	Content Summary: proposed microelectronice center original 10611 mgmt approaches for captive LSI facilities
Box 140, Folder 8	Box 140, Folder 8, ICE Project Number 11615	
	ICE Folder Name:	GENRAD, Feb 19, 1980
	Notes:	Content Summary: genrad circuit 934 b/p 5434-0130 custom driven/sensor IC
Box 140, Folder 9	Box 140, Folder 9, ICE Project Number 11616	
	ICE Folder Name:	FISHER PRICE, Feb 08, 1980
	Notes:	Content Summary: failure analysis of digital chip report orig. photo's
Box 141, Folder 1	Box 141, Folder 1, ICE Project Number 11616	
	ICE Folder Name:	FISHER PRICE, Feb 08, 1980
	Notes:	Content Summary: failure analysis of digital chip report Siltronics correspondence
Box 141, Folder 2	Box 141, Folder 2, ICE Project Number 11616	
	ICE Folder Name:	FISHER PRICE, Feb 08, 1980
	Notes:	Content Summary: failure analysis of digital chip report Siltronics schematics
Box 141, Folder 3	Box 141, Folder 3, ICE Project Number 11617	
	ICE Folder Name:	XEROX CORP. CONSULTING/TRAINING, Jan 04, 1980

	Notes:	Content Summary: orig. report: review of IC supply/demand 1980-1985 (10617)
Box 141, Folder 4	Box 141, Folder 4, ICE Project Number 11647	
	ICE Folder Name: HEINEMAN ELECTRIC CO, TRENTON, N.J., Sept 11, 1980	
	Notes:	Content Summary: report cost analysis of solid state circuit breaker
Box 141, Folder 5	Box 141, Folder 5, ICE Project Number 11658	
	ICE Folder Name: GENERAL DYNAMICS, April 25, 1980	
	Notes:	Content Summary: eng. services, rep't on CMOS LCA facility
Box 141, Folder 6	Box 141, Folder 6, ICE Project Number 11662	
	ICE Folder Name: FISHER PRICE TOYS, April 15, 1980	
	Notes:	Content Summary: circuit inefficiencies
Box 141, Folder 7	Box 141, Folder 7, ICE Project Number 11675	
	ICE Folder Name: SUMITOMO FACILITY PLANNING PHASE III, June 19, 1980	
	Notes:	Content Summary: competitive equipment quote ROM teksez
Box 141, Folder 8	Box 141, Folder 8, ICE Project Number 11675	
	ICE Folder Name: SUMITOMO FACILITY PLANNING PHASE III, June 19, 1980	
	Notes:	Content Summary: gas systems
Box 142, Folder 1	Box 142, Folder 1, ICE Project Number 11675	
	ICE Folder Name: SUMITOMO, July 30, 1979	
	Notes:	Content Summary: new IC r&d plant-Osaka, Japan
Box 142, Folder 2	Box 142, Folder 2, ICE Project Number 11677	
	ICE Folder Name: SUMITOMO ELECTRIC, USA. INC, Aug 1980	
	Notes:	Content Summary: bipolar linear design library
Box 142, Folder 3	Box 142, Folder 3, ICE Project Number 11682	
	ICE Folder Name: RIFA, SPANGA, SWEDEN (DIV. L.M. ERICKSON), May 20, 1980	
	Notes:	Content Summary: study to increase yield of DTMF circuits - report on 3533 circuits mfg by riga

Box 143, Folder 1 Box 143, Folder 1, ICE Project Number 11682

ICE Folder Name: RIFA, SPANGA, SWEDEN/ CONSULTING SERV.
YIELD IMPROVEMENT, June 18, 1980

Notes: Content Summary: report on 3533 circuits mfg by RIFA
copy of report on photomask procurement specification
prepared for Sumitomo-11677 copy of Science News,
Sept. 27, 1980

Box 143, Folder 2 Box 143, Folder 2, ICE Project Number 11682

ICE Folder Name: RIFA, SPANGA, SWEDEN/ CONSULTING SERV.
YIELD IMPROVEMENT, June 18, 1980

Notes: Content Summary: original transparencies (mask sets/
circuits)

Box 143, Folder 3 Box 143, Folder 3, ICE Project Number 11682

ICE Folder Name: RIFA, SPANGA, SWEDEN/ CONSULTING SERV.
YIELD IMPROVEMENT, June 18, 1980

Notes: Content Summary: correspondence / original photos 18
polaroids 30 (2x3) taped together

Box 143, Folder 4 Box 143, Folder 4, ICE Project Number 11682

ICE Folder Name: RIFA, SPANGA, SWEDEN/ CONSULTING SERV.
YIELD IMPROVEMENT, June 18, 1980

Notes: Content Summary: 12l layout rules

Box 143, Folder 5 Box 143, Folder 5, ICE Project Number 11682

ICE Folder Name: RIFA, SPANGA, SWEDEN/ CONSULTING SERV.
YIELD IMPROVEMENT, June 18, 1980

Notes: Content Summary: original artwork/figures (test masks)

Box 143, Folder 6 Box 143, Folder 6, ICE Project Number 11796

ICE Folder Name: SPERRY UNIVAC, Oct 03, 1980

Notes: Content Summary: engineering services to design
microwave micro circuit fabrication process

Box 143, Folder 7 Box 143, Folder 7, ICE Project Number 11800

Notes: ICE Folder Name: MONSANTO, WAFER FAB. MODELING,
Aug 15, 1980

Box 143, Folder 8 Box 143, Folder 8, ICE Project Number 11800

ICE Folder Name: MONSANTO, WAFER FAB. MODELING, Aug 15, 1980

Notes: Content Summary: rept. HMOS process model dtd Jan.
1981

Box 143, Folder 9	Box 143, Folder 9, ICE Project Number 11800
	ICE Folder Name: MONSANTO, WAFER FAB. MODELING, Aug 15, 1980 Notes: Content Summary: rept. HMOS process model, preliminary material for SWPTIII DTD. July 1981
Box 143, Folder 10	Box 143, Folder 10, ICE Project Number 11800
	ICE Folder Name: MONSANTO, WAFER FAB. MODELING, Aug 15, 1980 Notes: Content Summary: rept. Silicon gate CMOS process model DTD. June 1981
Box 143, Folder 11	Box 143, Folder 11, ICE Project Number 11800
	ICE Folder Name: MONSANTO, WAFER FAB. MODELING, Aug 15, 1980 Notes: Content Summary: rept. Bipolar Schottky t2l process model master copy DTD Feb. 1981(11800)
Box 143, Folder 12	Box 143, Folder 12, ICE Project Number 11803
	ICE Folder Name: DIGITAL EQUIPMENT, Oct 20, 1980 Notes: Content Summary: equipment lists & layouts
Box 144, Folder 1	Box 144, Folder 1, ICE Project Number 11875
	ICE Folder Name: NAVAL OCEAN SYSTEM CENTER (NOSC), April 02, 1981 Notes: Content Summary: IC device technology & application of IC (for cocom)
Box 144, Folder 2	Box 144, Folder 2, ICE Project Number 11875
	ICE Folder Name: NAVAL OCEAN SYSTEM CENTER (NOSC), April 02, 1981 Notes: Content Summary: IC device technology & application of IC (for cocom) includes wet & dry chem processing, ion & reactive ion milling, most high technology equipment
Box 144, Folder 3	Box 144, Folder 3, ICE Project Number 11884
	Notes: ICE Folder Name: CONSULTING - SOLITRON, RIVIERA BEACH, FL, Feb 24, 1981
Box 144, Folder 4	Box 144, Folder 4, ICE Project Number 11886
	Notes: ICE Folder Name: COORS PORCELAIN, undated
Box 144, Folder 5	Box 144, Folder 5, ICE Project Number 12648
	ICE Folder Name: AERORSPACE CORPORATION EL SEGUNDO, CALIF., Feb 21, 1980

Notes: Content Summary: class "s" market survey & analysis - j.c. process technologies ie C-MOS, bipolar, H-MOS, etc - transistors, fets, diodes mil-m-38510 mil-std-19500 mission assurance conf los angeles, 28 April-2 May 1980

Box 144, Folder 6 Box 144, Folder 6, ICE Project Number 12673

ICE Folder Name: WESTERN DIGITAL, July 09, 1980

Notes: Content Summary: DOD programs Ada and Nebula mini & micro computers

Box 144, Folder 7 Box 144, Folder 7, ICE Project Number 13604

ICE Folder Name: CARDIAC PACEMAKERS INC., Dec 18, 1979

Notes: Content Summary: hybrid wire bond pull tests dpa's

Box 144, Folder 8 Box 144, Folder 8, ICE Project Number 13683

ICE Folder Name: TRW OPTRON COMPETITIVE EVALUATION ON DEVICE TYPES, May 27, 1980

Notes: Content Summary: moc 3030, 4360 & Hall effect report: sectioning analysis to deteriorate diffusion dept

Box 145, Folder 1 Box 145, Folder 1, ICE Project Number 13880

ICE Folder Name: SMC MICROSYSTEMS CORP, Feb 26, 1981

Notes: Content Summary: report. proc. charact. of IMS 1400-55 16k SRAM INMOS mfg, original fig. 5 drawings topology and cross section of NEC pd41gd (date code 822)

Box 145, Folder 2 Box 145, Folder 2, ICE Project Number 13880

ICE Folder Name: SMC MICROSYSTEMS CORP, Feb 26, 1981

Notes: Content Summary: anal. of IMS-1400-55 16k SRAM (ajd)

Box 145, Folder 3 Box 145, Folder 3, ICE Project Number 13880

ICE Folder Name: SMC MICROSYSTEMS CORP, Feb 26, 1981

Notes: Content Summary: chip bias generator circuit of IMS 1400-55 16k SRAM INMOS mfg.

Box 145, Folder 4 Box 145, Folder 4, ICE Project Number 13885

ICE Folder Name: RAYMOND ENGINEERING, Feb 11, 1981

Notes: Content Summary: failure analysis of RCA 5114 static RAM sample

Box 145, Folder 5 Box 145, Folder 5, ICE Project Number 14652

ICE Folder Name: DEC, July, 1980

Notes: Content Summary: site location analysis for an LSI facility

Box 145, Folder 6 Box 145, Folder 6, ICE Project Number 14652

ICE Folder Name: DEC (HUDSON, MA), March 11, 1980
Notes: Content Summary: LSI mfg, facility seminar (9/22-9/26)

Box 145, Folder 7 Box 145, Folder 7, ICE Project Number 14653

ICE Folder Name: FAILURE AVOIDANCE OCT. 14-15, 1980 SAN
DIEDO, CAL.(MRK), Sept 30, 1980
Notes: Content Summary: (of MOS devices)

Box 145, Folder 8 Box 145, Folder 8, ICE Project Number 14654

Notes: ICE Folder Name: IMPLEMENTATION & FAILURE
AVOIDANCE SEMINAR SCITTSDALE, ARIZ. 12/8 &
12/9/1980, Sept 15, 1980

Box 145, Folder 9 Box 145, Folder 9, ICE Project Number 14655

Notes: ICE Folder Name: CUSTON LSI- IMPLEMENTATION
SEMINAR PHONIXM ARIZ, 12/4-5/1980, Nov 17, 1980

Box 145, Folder 10 Box 145, Folder 10, ICE Project Number 14656

ICE Folder Name: REPORT "LSI DESIGN USING CAD", Sept 24, 1980
Notes: Content Summary: (file- implementation, Oct. 16-17, 1980)

Box 145, Folder 11 Box 145, Folder 11, ICE Project Number 14659

ICE Folder Name: MID-TERM STATUS - PALO ALTO AUG. 26, 1980,
May 05, 1980
Notes: Content Summary: seminar, master copy

Box 146, Folder 1 Box 146, Folder 1, ICE Project Number 14660

ICE Folder Name: MID-TERM STATUS- ARLINGTON, VA SEPT. 09,
1980, Feb 02, 1980
Notes: Content Summary: application of high-technology
microelectronic devices to military/aerospace systems (a
review of IC technology)

Box 146, Folder 2 Box 146, Folder 2, ICE Project Number 14660

ICE Folder Name: MID-TERM STATUS- ARLINGTON, VA SEPT. 09,
1981, Feb 02, 1980
Notes: Content Summary: application of high-technology
microelectronic devices to military/aerospace systems (a
review of IC technology) 3 copies (1 draft) of ICE Corp.
Review of the VHSIC program for dept. of defense military/
aerospace IC revision c

Box 146, Folder 3	Box 146, Folder 3, ICE Project Number 14663
	ICE Folder Name: HARRIS SEMICONDUCTOR, April 14, 1980 Notes: Content Summary: IC processing u of a
Box 146, Folder 4	Box 146, Folder 4, ICE Project Number 14666
	ICE Folder Name: BASIC TECHNOLOGY SEMINAR, April 08, 1980 Notes: Content Summary: Arlington, VA. Sept. 03, 1980
Box 146, Folder 5	Box 146, Folder 5, ICE Project Number 14676
	ICE Folder Name: SUMITOMO ELECTRIC, Dec 17, 1979 Notes: Content Summary: integrated circuit design training
Box 146, Folder 6	Box 146, Folder 6, ICE Project Number 14685
	ICE Folder Name: WESTINGHOUSE (MRP), April 17, 1980 Notes: Content Summary: in house IC failure analysis seminar Baltimore, June 16 & 17, 1980.
Box 146, Folder 7	Box 146, Folder 7, ICE Project Number 14797
	ICE Folder Name: APPLICON INC., Sept 04, 1980 Notes: Content Summary: MOS IC design seminar
Box 146, Folder 8	Box 146, Folder 8, ICE Project Number 14881
	ICE Folder Name: EFFECTIVE MGMT OF CAD SYSTEM, April 13, 1981 Notes: Content Summary: seminar 11/15,16/81 Scottsdale, Ariz.
Box 146, Folder 9	Box 146, Folder 9, ICE Project Number 14882
	ICE Folder Name: NEW IC PRODUCT TESTING SEMINAR 11/81, Mar 10, 1981 Notes: Content Summary: cancelled
Box 146, Folder 10	Box 146, Folder 10, ICE Project Number 14883
	ICE Folder Name: GOULD, INC SEMINAR - 4/02/81, ROLLING MEADOWS IL, Feb 02, 1981 Notes: Content Summary: strategic impact of VSLI semicond. tech. seminar
Box 146, Folder 11	Box 146, Folder 11, ICE Project Number 15664
	ICE Folder Name: DIGITAL EQUIP. CORP.-TRAINING CENTER, May 01, 1980

Notes: Content Summary: design training program-oc design, layouts & tracing.

Box 146, Folder 12	ICE Project Number 15876
	ICE Folder Name: SCIENTIFIC CALCULATIONS INC, Jan 23, 1981 Notes: Content Summary: master copy CAD system addresses IC design
Box 147	10085 Review of Microelectronics Newsletters
Box 147	10332 IC Application and management Seminar, Los Angeles, CA
Box 147	10333 Failure Analysis Seminar, Huntsville, AL
Box 147	10334 Failure Analysis Seminar, Phoenix, AZ
Box 147	10335 IC Application for Management Seminar, Chicago, IL
Box 147	10336 M.P. for Management, Phoenix, AZ
Box 147	10337 Failure Analysis Seminar, San Francisco, CA
Box 147	10339 IC Tech Seminar, Phoenix, AZ
Box 147	10340 Failure Analysis Seminar, Los Angeles, CA
Box 147	10341 Status Seminar, Los Angeles, CA
Box 147	10342 Xerox
Box 147	10343 Standard Micro SM Microsystems Corp.
Box 147	10344 Memorex
Box 148	10345 Electronic beam Microfabrication
Box 148	10346 Silicon General Circuit Design
Box 148	10347 OKI Electric Industry
Box 148	10349 General Electric
Box 148	10350 Standard Micro-MOSTEK
Box 148	10351 Standard Micro-MOSTEK
Box 148	10352 Cherry Semiconductor

Box 148	10354 Tyco
Box 148	10355 ITT
Box 148	10356 Military Marketing Notebook
Box 148	10357 Decapsulation & Photographing Calculator Chips
Box 148	10358 IVAC Failure Analysis
Box 148	10359 Sperry UNIVAC Icecap Computer Program
Box 148	10360 IBM VLSI Technology
Box 148	10361 GTE-Sylvania Seminar
Box 149	10362 EMP Electric Worst Case Analysis
Box 149	10363 ITT Facility Planning
Box 149	10364 ITT Fiber Optics Consulting
Box 149	10365 Cardia Pacemaker CMOS Design
Box 149	10366 Hughes Aircraft
Box 149	10368 IBM Honorarium
Box 149	10369 Honeywell
Box 149	10371 Sundstrand Data Control
Box 150	10372 Hewlett-Packard
Box 150	10373 Medtronic Inc.
Box 150	10374 Honeywell
Box 150	10375 Silicon Wafer Processing
Box 151	10375 Silicon Wafer Processing
Box 151	10376 ITT
Box 151	10378 Honeywell
Box 151	10379 USAF-AFSC Roma Air Development Center

Box 152	10379 USAF-AFSC Roma Air Development Center
Box 152	10380 Control Data Corp.
Box 152	10381 Anaconda
Box 152	10382 General Motors
Box 152	10384 Fujitsu
Box 152	10385 General Electric
Box 152	10393 Failure Analysis Seminar, Sanat Clara, CA
Box 152	10394 Implementation Seminar, Chicago, IL
Box 152	10395 Military Failure Analysis, Los Angeles, Ca
Box 152	10396 Implementation of IC Technology, Hawthorne, CA
Box 152	10397 Failure Analysis, New York
Box 152	10398 Military Failure Seminar, San Jose, CA
Box 152	10399 Implementation Seminar
Box 153	10400 Wafer Fabrication Semiconductor Production Equipment
Box 153	10401 Standard Microsystems
Box 153	10402 3-M Company
Box 153	10403 Plessey Multi-layer Metal
Box 153	10404 IBM
Box 153	10405 GE Information Systems
Box 153	10438 IVAC Corp.
Box 153	10439 System Development Corp.
Box 153	10442 Dr. Wirthschafter (Meditimer)
Box 154	10443 Paine Weber
Box 154	10444 Western Electric

Box 154	10448 GTE Sylvania
Box 154	10449 Electronic Warfare
Box 154	10450 SMC Microsystems Corp
Box 154	10451 GE Valley
Box 154	10452 General Dynamics
Box 154	10480 Hewlett-Packard
Box 154	10488 Cherry Semiconductor Corp.
Box 154	10502 Naval Avionics Center
Box 154	10503 Resistor Design
Box 154	10542 Wirtschafter (Medicaion Timer)
Box 154	10543 Honeywell
Box 154	10544 Pertec Computer Failure Analysis
Box 154	10545 GTE
Box 154	10546 General Electric
Box 155	10606 General Signal Corp.
Box 155	10609 Stromberg Carlson
Box 155	10620 Monsanto Corp.
Box 155	10627 Ford Aerospace and Communications Corp.
Box 155	10629 European Seminar 1980
Box 155	10630 Lockheed Electronics
Box 155	10640 Bendix Corporation
Box 155	10644 Air Products and Chemicals, Inc.
Box 155	10690 Xerox
Box 155	10696 Ford Aerospace

Box 155	10697 Idanta
Box 155	10709 Paris Seminars
Box 155	10720 Sumitamo
Box 155	10721 Medtronic
Box 155	10725 Zenith Radio Corp.
Box 156	10727 Monsanto
Box 156	10729 Xerox Development Corp.
Box 156	10739 Gould Inc.
Box 156	10750 Facility Guide Update
Box 156	10751 Silicon Wafer Processing
Box 156	10753 CMOS Design Training
Box 156	10770 IBM
Box 156	10773 Xerox Corp.
Box 156	10788 Varian
Box 156	10846 Optimetrix Corp.
Box 156	10854 Bendix Corp.
Box 157	10855 Digital Equipment Corp
Box 157	10858 Raytheon
Box 157	10863 GTE
Box 157	10899 Western Digital Retainer
Box 157	10906 Indy
Box 157	10915 Integrated Device Technology
Box 157	10920 Lear Siegler
Box 157	10928 Honeywell

Box 157	11611 GE Microelectronics Center
Box 158	11622 Alliance Manufacturing Co.
Box 158	11623 Westinghouse Packaging Consulting
Box 158	11625 Lear Siegler Comparative Study
Box 158	11627 Ford Aerospace Consulting
Box 158	11633 Lear Siegler
Box 158	11634 Bernard Johnson
Box 158	11636 Architectural Alliance
Box 158	11638 General Electric
Box 158	11642 Honeywell Bull Facility
Box 158	11693 Sperry UNIVAC drawing package
Box 158	11694 Milton Bradley
Box 158	11701 Goodyear Aerospace Corp.
Box 158	11724 Research Triangle Institute
Box 158	11728 Prime Computer
Box 158	11730 RIFA
Box 158	11731 RIFA
Box 158	11733 Xerox
Box 158	11734 GTE Microcircuit
Box 159	11735 GTE
Box 159	11736 General Electric
Box 159	11737 General Electric
Box 159	11743 Research Triangle Institute
Box 159	11744 Maguire/Sperry Products

Box 159	11745 Ford Aerospace Communications Corp.
Box 159	11762 Ehrlich Rominger
Box 159	11768 Cherry Semiconductor
Box 159	11769 Jonathan Wirtschaffer
Box 159	11779 RIFA
Box 159	10781 GTE
Box 159	10782 Multiclient Study-IC Packaging
Box 160	10782 Multiclient Study-IC Packaging
Box 160	11788 Varian Solar Cell
Box 160	11789 Sumitomo Electric Facilities
Box 160	11790 Xerox Consulting
Box 160	11791 RIFA
Box 160	11792 GTE
Box 160	11794 World Bank
Box 160	11811 Herman Miller
Box 160	11824 General Electric assembly and testing facility
Box 160	11835 Digital Equipment Corp.
Box 160	11843 Rosemount
Box 161	11860 Digital Equipment Corp
Box 161	11861 Digital Equipment Corp
Box 161	11864 GTE
Box 161	11868 Alpha Metals
Box 161	11874 Naval Oceans Systems Center
Box 161	11888 Ford Aerospace

Box 161	11901 Cutter-Hammer
Box 161	11902 Materials Research Corp.
Box 162	11903 Control Data Corp.
Box 162	11904 Medtronic
Box 162	11905 Mectrotime
Box 162	11910 Digital Equipment Corp.
Box 162	11919 Trilogy Systems Inc.
Box 162	11921 Prime Computer
Box 162	11934 Electronic Packaging Strategies
Box 162	11938 Teledyne Microwave
Box 162	11941 Control Data Corp.
Box 162	11950 Naval Oceans Systems Center
Box 163	12607 Aerospace Corp.
Box 163	12643 John D. Shea
Box 163	12699 Lansdale Transistor and Electronics
Box 163	12722 Microelectronics Engineering Corp.
Box 163	12742 Shugart
Box 163	12752 Signetics
Box 163	12753 Naval Avionics Center
Box 163	12759 California Devices Inc.
Box 163	12760 California Devices Inc
Box 163	12761 California Devices Inc
Box 163	12771 NASA
Box 163	12774 General Dynamics

Box 163	12775 Naval Avionics Center
Box 163	12836 Comsat General Telesystems
Box 163	12841 Naval Avionics Center
Box 164	13608 Standard Microsystems Corp.
Box 164	13641 General Automation
Box 164	13691 Harris Corp.
Box 164	13726 Motorola
Box 164	13723 Harris Corp.
Box 164	13777 Motorola
Box 164	13806 Burroughs
Box 164	13825 Motorola
Box 164	13834 Harris Corp.
Box 164	13839 Harris Corp.
Box 164	13859 Microwave Semiconductor Corp.
Box 164	13889 Motorola
Box 164	13898 Cherry Electrical Products
Box 164	13929 ION Research
Box 164	13940 Ford Aerospace
Box 164	13942 TRW
Box 164	13949 Sperry Flight Systems
Box 165	14610 Medtronics
Box 165	14628 Fairchild Semiconductor
Box 165	14631 Digital Equipment Corp.
Box 165	14632 Gould Inc.

Box 165	14637 Sumitomo Electric
Box 165	14645 Gould Inc.
Box 165	14702 Basic Tech Seminar, Palo Alto, CA
Box 165	14704 Basic Tech Seminar, Jamaica, NY
Box 165	14705 Status 1987
Box 165	14706 Failure Analysis Seminar, Scottsdale, AZ
Box 165	14708 Status Europa 1987
Box 165	14710 Failure Analysis Seminar, Palo Alto, CA
Box 165	14711 Implement Seminar, Palo Alto, CA
Box 165	14712 Basic Technology Seminar, Palo Alto, CA
Box 165	14713 Mid-term Status, Palo Alto, CA
Box 165	14714 Basic Technology Seminar, Arlington
Box 165	14717 Custom LSI Implementation Seminar, Boston, MA
Box 165	14718 Failure Avoidance Seminar
Box 165	14719 Implementation Seminar, Scottsdale, AZ
Box 165	14754 Failure Analysis of Gate Array
Box 165	14755 Fisher Price Toys
Box 165	14757 Honeywell
Box 165	14767 National Cash Register
Box 166	14767 National Cash Register
Box 166	14778 Xerox
Box 166	14813 MOS Digital Design Seminar
Box 166	14814 Bipolar Lunar Design Seminar
Box 166	14815 MOS Digital Design Seminar

Box 166	14816 Bipolar Lunar Design Seminar
Box 166	14818 Gould Inc.
Box 166	14822 Gould
Box 166	14838 Gate Array Design Seminar
Box 166	14842 technical Training for IC Industry
Box 166	14845 Gould
Box 166	14848 GTE Products Corp.
Box 166	14849 GaAs Seminar, Palo Alto, CA
Box 166	14871 ICE Safety Guideline
Box 166	14872 Gate Array Seminar, Scottsdale, AZ
Box 166	14887 IP Sharp Associates
Box 166	14892 EOCOM
Box 166	14893 LSI Tech Seminar, London
Box 166	14894 Bank of America
Box 166	14897 Gould, Inc.
Box 166	14924 IC Fabrication, Scottsdale, AZ
Box 166	14925 IC Design Implementation, Scottsdale, AZ
Box 166	14926 IC fabrication, Boston
Box 166	14927 IC Design Implementation, Boston
Box 167	14930 KLA Instruments
Box 167	15738 MOS Design Notes
Box 167	15753 NAC Seminar
Box 167	15780 Floccating Point System
Box 167	15809 NAC

Box 167	15812 CMOS Metal Gate Standard Cell Library
Box 167	15817 Applicon
Box 167	15823 Siemen's
Box 167	15837 National CSS Inc.
Box 167	15845 Gould NAVCOM
Box 167	15847 Applicon
Box 167	15869 Gould Labs
Box 167	15900 Applicon
Box 167	15903 Control Data Corp.
Box 167	15908 Gould Modicum
Box 167	15909 Gould Modicum
Box 167	15916 Applicon
Box 167	15917 Applicon
Box 167	15918 Applicon
Box 167	15922 Beckman Instruments
Box 167	15923 Calm Gaelic Rpt.
Box 167	15933 Applicon
Box 167	16635 Standard Microsystems Corp.
Box 171	10406 Honeywell
Box 171	10407 GTE Sylvania
Box 171	10408 GE/Syracuse
Box 171	10409 Hooneywell/Minneapolis
Box 171	10410 ITT Couriet
Box 171	10411 Eastman Kodak

Box 171	10412 King Radio
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Scope and Contents: This series contains documentation, primarily correspondence for the 1968 *Motorola vs. Fairchild* case. Motorola sued Fairchild for hiring away Motorola's top scientist, C. Lester Hogan, and eight key executives. Fairchild won the case. ICE acted as an independent research firm and provided expert witness for Fairchild's defense. This series also includes files about Project Socrates.

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Contents: Index of Nitron Documents Produced to Plaintiffs
Summary: with orig. notes

Box 12 (Series 17),
Folder 6 ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Notes: Contents: Copy of Index of Nitron Documents Produced to
Plaintiffs

Box 13 (Series 17),
Folder 1 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: 20265-295 Wafer Tests

Box 13 (Series 17),
Folder 2 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Wendell Spence Deposition p. 1-179

Box 13 (Series 17),
Folder 3 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Wendell Spence Deposition - 180-319

Box 13 (Series 17),
Folder 4 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976

Notes: Contents: ICE Case Research

Box 13 (Series 17),
Folder 5 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: B&W Enlargement Photo

Box 13 (Series 17),
Folder 6 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Mill's Notes

Box 13 (Series 17),
Folder 7 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Nitron Process Flow

Box 13 (Series 17),
Folder 8 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Patents

Box 13 (Series 17),
Folder 9 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Patents

Box 13 (Series 17),
Folder 10 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Products/Circuits

Box 14 (Series 17),
Folder 1 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: MNOS Speed Process

Box 14 (Series 17),
Folder 2 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: GI/HUD Files

Box 14 (Series 17),
Folder 3 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: B&W Photographs

Box 14 (Series 17),
Folder 4 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Plaintiff's Answers to Defendants 1st Set of Interrogatories

Box 14 (Series 17),
Folder 5 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Complaint for Misappropriations of Trade Secret Information

Box 14 (Series 17),
Folder 6

ICE Project Number 10206
Notes: ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Affidavit of Richard Moore
Summary: req, for temp. restraining order

Box 14 (Series 17),
Folder 7 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Affidavit of J.T. Cavender

Box 14 (Series 17),
Folder 8 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Application for Temp. Restraining Order & Order to Show Cause

Box 14 (Series 17),
Folder 9 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Notes: Contents: Legal Memo of Points And Authorities ... Order to Show Cause

Box 14 (Series 17),
Folder 10 ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976

	Notes:	Contents: Temporary Restraining Order
Box 14 (Series 17), Folder 11	ICE Project Number 10206	
	ICE Folder Name: NCR v. Nitron, 08/04/1976	
	Notes:	Contents: Affidavit of James T. Kendall
Box 14 (Series 17), Folder 12	ICE Project Number 10206	
	ICE Folder Name: NCR v. Nitron, 08/04/1976	
	Notes:	Contents: Legal Petitions
Box 14 (Series 17), Folder 13	ICE Project Number 10206	
	ICE Folder Name: NCR v. Nitron, 08/04/1976	
	Notes:	Contents: ICE Contract
Box 14 (Series 17), Folder 14	ICE Project Number 10206	
	ICE Folder Name: NCR v. Nitron, 08/04/1976	
	Notes:	Contents: B&W Camera Ready Photographs
Box 14 (Series 17), Folder 15	ICE Project Number 10206	
	ICE Folder Name: NCR v. Nitron, 08/04/1976	
	Notes:	Contents: Glen Madland's Handwritten Notes
Box 14 (Series 17), Folder 16	ICE Project Number 10206	
	ICE Folder Name: NCR v. Nitron, 08/04/1976	
	Notes:	Contents: Original Handwritten Notes for 10106-10107
Box 15 (Series 17), Folder 1	File Name A-1, Folder Number 1, 11/21/1968	
	Letter To: Glen Madland From: Jack Brown	
	Notes:	Contents: Acknowledgment and statement concerning order imposing plaintiff's interrogatory; blank copy of order imposing confidentiality
Box 15 (Series 17)	File Name A-1, Folder Number 1, undated	
	Notes:	Acknowledgment and statement concerning order imposing confidentiality; signed by Glen Madland

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/21/1968

Memo To: Eugene Blanchette From: William Farrow
Notes: Contents: Proposal for an advanced wafer fabrication training program

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/24/1968

Memo To: Frank Bower From: Glen Madland
Notes: Contents: Technical information for Fairchild

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/24/1968

Memo To: Eugene Blanchette From: Glen Madland
Notes: Contents: Contains a summary of tasks that have been assigned to ICE as a result of a meeting in Phoenix (October 8&9, 1968)

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/23/1968

Memo To: Glen Madland From: Harold Bell
Notes: Contents: Fairchild Project - work statement for updating and expanding the plastic packaging portion of integrated circuit assembly process compendium

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/15/1968

Memo for file By: Glen Madland
Notes: Contents: Telephone call from Jack Brown - sending trade secret stipulations from Motorola, concerning expert witnesses

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/11/1968

Cover Letter To: Jack Brown From: Glen Madland
Notes: Contents: Informing Mr. Brown about ICE expertise with integrated circuit work

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/10/1968

Memo For File: Fairchild Project #371 By: Glen Madland and Harold Bell
Notes: Contents: A tour by Dr. Dan Rose and John Carey (both of Fairchild)

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/15/1968

Letter To: Gene Blanchette From: William Farrow
Notes: Contents: Apology for materials arriving late

Box 15 (Series 17), Folder 1	File Name A-1, Folder Number 1, 10/03/1968
	Memo For File: Fairchild vs. Motorola By: Glen Madland Notes: Contents: Conversation with Forman Mueller, Motorola Patent Attorney
Box 15 (Series 17)	File Name A-1, Folder Number 1, undated Notes: Page titled "Fairchild" containing one sentence about an upcoming meeting between Bower, Hume and Setos (Fairchild Representatives)
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/23/1968 Notes: Call contact report By: Glen Madland
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/29/1968
	Contact record between Glen Madland and Roger Borovoy (Project #371) Notes: Contents: Handwritten notes
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/20/1968 Notes: Confirmation of telephone conversation To: Roger Borovoy From: Glen Madland
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/19/1968
	Cover letter To: William Drummond From: Glen Madland Notes: Contents: Enclosed records pertaining to several phone conversations and letters
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/16/1968
	Letter To: Lester Hogan From: Frank Bower Notes: Contents: Motorola vs. Fairchild lawsuit; request to be hired as an outside consultant
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/11/1968
	Letter To: Forman Mueller From: Glen Madland Notes: Contents: ICE offering to help in the Motorola vs. Fairchild case
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/19/1968
	Memo To: Glen Madland From: H.K. Dicken Notes: Contents: Legal consulting matters
Box 15 (Series 17)	File Name A-1, Folder Number 1, 09/18/1968
	Memo for file: Fairchild By: Glen Madland

	Notes:	Contents: Conference with Les Hogan
Box 15 (Series 17), Folder 2	File Name A-2, Folder Number 2, undated	
	Memo To: Glen Madland From: Howard Dicken	
	Notes:	Contents: Re: Fairchild Repor
Box 15 (Series 17), Folder 3	File Name A-2, Folder Number 3, 10/22/1968	
	List of AD# ordered under project #371 for Fairchild	
	Notes:	Contents: Also included: Terms for engineering services and a Forbes Magazine Article
Box 15 (Series 17), Folder 4	File Name A-2, Folder Number 4, 05/21/1969	
	Memo for all council	
	Notes:	Contents: Re: Agenda
Box 15 (Series 17), Folder 5	File Name A-2, Folder Number 5, 04/21/1969	
	Letter To: Mark Wilmer From: Jack Brown	
	Notes:	Contents: Glen Madland wants to extend confidentiality of Fairchild case to VP Howard Dicken and engineer David Krent
Box 15 (Series 17), Folder 6	File Name A-2, Folder Number 6, 10-03-1968	
	Memo for file By: Glen Madland	
	Notes:	Contents: Re: Conversation with Forman Mueller
Box 15 (Series 17), Folder 7	File Name A-2, Folder Number 7, undated	
	Letter To: William Drummond From: Glen Madland	
	Notes:	Contents: Re: Letter to Forman Mueller
Box 15 (Series 17), Folder 8	File Name A-2, Folder Number 8, 03/14/1968	
	Letter To: Jack Brown From: Glen Madland	
	Notes:	Contents: Re: Case fabrication sequence
Box 15 (Series 17), Folder 9	File Name A-2, Folder Number 9, 03/03/1969	
	Letter To: Gene Blanchette From: Jack Brown	

	Notes:	Contents: Discussing a letter from Glen Madland and if it should be openly distributed
Box 15 (Series 17), Folder 10	File Name A-2, Folder Number 10, 02/27/1969	
	Letter To: Jack Brown From: Glen Madland Notes:	Contents: Letter questioning if an ICE report should be restricted
Box 15 (Series 17), Folder 11	File Name A-2, Folder Number 11, 02/20/1969	
	Minutes Notes:	Contents: Re: Meeting on 02/18/1969 about the next Fairchild proposal
Box 15 (Series 17), Folder 12	File Name A-2, Folder Number 12, undated	
	Memo To: Glen Madland From: Howard Dicken Notes:	Contents: Recommending high price and marketing approach for a report that exposes Fairchild's weak spots to discourage buyers
Box 15 (Series 17), Folder 13	File Name A-2, Folder Number 13, 01/30/1969	
	Letter To: Glen Madland From: Jack Brown Notes:	Contents: Questions about a task report and seeking clarification
Box 15 (Series 17), Folder 14	File Name A-2, Folder Number 14, 01/02/1969	
	Note To: Glen Madland From: Paul Eckstien Notes:	Contents: Re: cover Letter for Tarzian option
Box 15 (Series 17), Folder 15	File Name A-2, Folder Number 15, 12/31/1968 Notes:	Call report to Fairchild
Box 15 (Series 17), Folder 16	File Name A-2, Folder Number 16, 10/10/1968	
	Memo for file By: Glen Madland Notes:	Contents: Questions and clarifications about a task report
Box 15 (Series 17), Folder 17	File Name A-2, Folder Number 17, 10/10/1968	

Memo for file By: Glen Madland

Notes: Contents: Meeting with Gene Blanchette of Fairchild on 10/09/1968 for project #371

Box 15 (Series 17),
Folder 18 File Name A-2, Folder Number 18, undated

Quotes for Gene Blanchette By: Glen Madland
Notes: Contents: Reference to proposal #104, 1075, 1076, 1077, 1078

Box 15 (Series 17),
Folder 19 File Name A-2, Folder Number 19, undated

Memo for file: Fairchild By: Glen Madland
Notes: Contents: Meeting with gene Blanchette 10/08/1968 for Project #371

Box 15 (Series 17),
Folder 20 File name A-2, Folder Number 20, 10/24/1968

Letter To: Gene Blanchette From: Glen Madland
Notes: Contents: Summary of tasks assigned to ICE - includes lists, work statements and estimated man hours

Box 15 (Series 17),
Folder 21 File Name A-2, Folder Number 21, 09/20/1968

Letter To: Roger Borovoy From: Glen Madland
Notes: Contents: Contract making ICE a Fairchild consultant - signed by Nelson Stone

Box 15 (Series 17),
Folder 22 File Name A-2, Folder Number 22, 1968-10-08
Notes: 7 sheets of graph paper that appear to be the rough draft of the last memo (10/24/1968)

Box 15 (Series 17),
Folder 23 File Name A-2, Folder Number 23, 09/19/1968

Memo To: Glen Madland From H.K. Dicken
Notes: Contents: Legal consulting

Box 15 (Series 17),
Folder 24 File Name A-2, Folder Number 24, 09/19/1968

Letter To:: William Drummond From: Glen Madland
Notes: Contents: ICE acting as a witness for Fairchild

Box 15 (Series 17),
Folder 25 File Name A-2, Folder Number 25, 09/11/1968

Letter To: Forman Mueller From: Glen Madland

	Notes:	Contents: Offering ICE reference library to Motorola
Box 15 (Series 17), Folder 26	File Name A-2, Folder Number 26, 09/16/1968	
	Memo To: Les Hogan From Frank Bower Notes:	Contents: ICE Assisting Fairchild
Box 15 (Series 17), Folder 27	File Name A-2, Folder Number 27, 09/18/1968	
	Memo for file: Fairchild By: Glen Madland Notes:	Contents: Story of Les Hogan's transition to Fairchild from Motorola; also expressing concerns about a conflict of interest if both companies try to use ICE
Box 15 (Series 17), Folder 28	File Name A-2, Folder Number 28, 08/30/1968	
	Letter To: Leo Dwork From: Glen Madland Notes:	Contents: Offering services to Fairchild and introducing ICE
Box 15 (Series 17), Folder 29	File Name A-2, Folder Number 29, 09/18/1968	
	Letter To: Dr. Lester Hogan From: Frank Bower Notes:	Contents: Personal letter to welcome Hogan to the Bay Area and to offer ICE services
Box 15 (Series 17), Folder 30	File Name A-2, Folder Number 30, undated	
	Packet of Papers Notes:	Contents: 4:1 ETCH solution; Emitter diffusion; P base diffusion; Isolation diffusion; EPO growth; Buried layer diffusion; SiO ₂ ; Initial oxidation procedure; Pattern wafer cleaning before diffusion - method E; Pattern wafer cleaning before diffusion - method D
Box 15 (Series 17), Folder 31	File Name A-2, Folder Number 31, 10/21/1968 Notes:	Proposal #1077 To: Fairchild (Eugene Blanchette) From: William G. Farrow
Box 15 (Series 17), Folder 32	File Name A-2, Folder Number 32, 09/20/1968	
	Letter To: Roger Borovoy From: Glen Madland Notes:	Contents: Expressing concerns about Motorola making claims against ICE because they are helping Fairchild

Box 15 (Series 17),
Folder 33

File Name A-2, Folder Number 33, 09/19/1968

Memo To: William Drummond From: Glen Madland
Notes: Contents: Re: Misc. enclosed letters

Box 15 (Series 17),
Folder 34

File Name A-2, Folder Number 34, 10/15/1968

Letter To: Gene Blanchette From: William Farrow
Notes: Contents: Apology for late delivery

Box 15 (Series 17),
Folder 35

File Name A-2, Folder Number 35, 10/03/1968

Memo for file: Fairchild, Motorola By: Glen Madland
Notes: Contents: Conversation with Forman Mueller - Potential trade secret material existed in ICE books didn't help in Motorola's claims

Box 15 (Series 17),
Folder 36

File Name A-2, Folder Number 36, 10/23/1968

Memo To: Glen Madland From: Harold Bell
Notes: Contents: Fairchild: work statement for updating and expanding the plastic packaging portion of integrated circuit assembly process compendium

Box 15 (Series 17),
Folder 37

File Name A-2, Folder Number 37, 10/15/1968

Memo for file By: Glen Madland
Notes: Contents: Call from Jack Brown - Sending draft of trade secret stipulations

Box 15 (Series 17),
Folder 38

File Name A-2, Folder Number 38, 10/10/1968

Memo for file By: Glen Madland
Notes: Contents: Visit by Fairchild representatives Dr. Dan Rose, John Carey

Box 15 (Series 17),
Folder 39

File Name A-2, Folder Number 39, 10/24/1968
Notes: Task assignments To: Howard Dicken From: Frank Bower

Box 15 (Series 17),
Folder 40

File Name A-2, Folder Number 40, 10/1968

Proposal #1074

	Notes:	Contents: Advanced fabrications training program for Fairchild Corp.
Box 15 (Series 17), Folder 41	File Name A-2, Folder Number 41, undated Notes:	Rough draft of a letter to Roger Borovoy By: Glen Madland
Box 15 (Series 17), Folder 42	File Name A-2, Folder Number 42, undated	
	Memo for file: Fairchild By: Glen Madland Notes:	Contents: Conference with Les Hogan and his staff on 09/22/1968 and Jack Brown & John Ross (Fairchild attorneys 09/24/1968)
Box 15 (Series 17), Folder 43	File Name A-2, Folder Number 43, undated Notes:	Rough statement of work objectives
Box 15 (Series 17), Folder 44	File Name A-2, Folder Number 1, 09/20/1968	
	Letter To: Roger Borovoy From: Glen Madland Notes:	Contents: Offer services to Fairchild
Box 16 (Series 17), Folder 2	File Name A-2, Folder Number 2, 09/19/1968	
	Letter To: Roger Borovoy From: William Drummond Notes:	Contents: Same memo as one listed on 09/20/1968 from Glen Madland to Roger Borovoy
Box 16 (Series 17), Folder 3	File Name A-2, Folder Number 3, 09/26/1968	
	Call report: Fairchild To: Roger Borovoy From: Glen Madland Notes:	Contents: Set-up tool communications with two people
Box 16 (Series 17), Folder 4	File Name A-2, Folder Number 4, 09/19/1968	
	Memo To: Glen Madland From: H.K. Dicken Notes:	Contents: Re: Legal Consulting (incomplete document)
Box 16 (Series 17), Folder 5	File Name A-2, Folder Number 5, 09/16/1968 Notes:	Letter To: Les Hogan From: Frank Bower
Box 16 (Series 17), Folder 6	File Name A-3, Folder Number 6, 03/31/1969	

Fairchild File #380

Notes: Contents: TAC-Transistor automation system for handling semiconductor die while maintaining orientation

Box 16 (Series 17), Folder 7 File Name A-3, Folder Number 7, 01/22/1971

Letter To: Glen Madland From: Roger Borovoy
Notes: Contents: Re: Payment for consulting

Box 16 (Series 17), Folder 8 File Name A-3, Folder Number 8, 11/03/1970

Packet of papers To: Jack Brown From: Glen Madland
Notes: Contents: Enclosed information on public knowledge of trade secrets concerning aluminum epitaxial transistors (2 copies)

Box 16 (Series 17), Folder 9 File Name A-3, Folder Number 9, 10/19/1970

Letter To: Glen Madland From: Roger Borovoy
Notes: Contents: Payment to ICE

Box 16 (Series 17), Folder 10 File Name A-3, Folder Number 10, undated
Notes: Photocopy of double epitaxial isolation method for integrated circuit transistors

Box 16 (Series 17), Folder 11 File Name A-3, Folder Number 11, undated
Notes: Handwritten note

Box 16 (Series 17), Folder 12 File Name A-3, Folder Number 12, 09/17/1970

Memo for file: Project #380 By: Glen Madland
Notes: Contents: Review of additional trade secrets filled 06/26/1970

Box 16 (Series 17), Folder 13 File Name A-3, Folder Number 13, 01/31/1969

Copy of Power Transistor Bulletin
Notes: Contents: Re: Aluminum headers

Box 16 (Series 17), Folder 14 File Name A-3, Folder Number 14, undated
Notes: Photocopied article from Electronic

Box 16 (Series 17), Folder 15 File Name A-3, Folder Number 15, 11/18/1970

Letter To: Glen Madland From: Roger Borovoy

	Notes:	Contents: Request details of consulting provided (Jack Brown sent invoice 04323)
Box 16 (Series 17), Folder 16	File Name A-3, Folder Number 16, 07/31/1970	
	Notes:	Contents: Review three trade secret item
Box 16 (Series 17), Folder 17	File Name A-3, Folder Number 17, undated	
	Notes:	Single page from an ICE manual
Box 16 (Series 17), Folder 18	File Name A-4, Folder Number 18, undated	
	Notes:	Bound ICE report
Box 17 (Series 17), Folder 1	File Name B-1, Folder Number 1, undated	
	Notes:	Contents: Information for alleged trade secrets 1,2,33,40 & 41; Wafer orientation system from transistor automation; #33 Bonding needle to cut bonding wire; #40,41 NAVAN/HAMCO automatic tensioner (used with annular saw blades)
Box 17 (Series 17), Folder 2	File Name B-1, Folder Number 2, 03/04/1969	
	Notes:	Affidavit of Charles S. Granieri in support of plaintiff's response to defendant's motion for production of documents
Box 17 (Series 17), Folder 3	File Name B-1, Folder Number 3, 03/27/1969	
	Notes:	Contents: Sending affidavit for Mr. Borovoy to sign
Box 17 (Series 17), Folder 4	File Name B-1, Folder Number 4, 02/02/1970	
	Notes:	Contents: Information on alleged trade secrets (categorization and brief description)
Box 17 (Series 17), Folder 5	File Name B-1, Folder Number 5, 12/05/1969	
	Notes:	Contents: Draft copy of categorization and brief description of alleged trade secrets
Box 17 (Series 17), Folder 6	File Name B-1, Folder Number 6, 03/04/1969	

	Notes:	Affidavit of Harold Mumma in support of plaintiff's response to defendant's motion for production of documents
Box 17 (Series 17), Folder 7	File Name B-1, Folder Number 7, 03/04/1969 Notes:	Affidavit of Eugene E. Segerson in support of plaintiff's response to defendant's' motion for production of documents
Box 17 (Series 17), Folder 8	File Name B-1, Folder Number 8, undated Notes:	Affidavit No Civ. 6080 Phx. --Roger Borovoy
Box 17 (Series 17), Folder 9	File Name C-1, Folder Number 9, undated Notes:	Plaintiff's Interrogatory #1
Box 17 (Series 17), Folder 10	File Name C-1, Folder Number 10, 02/21/1969	
	Packet of papers To: Glen Madland From: Jack Brown Notes:	Contents: 1. Plaintiff's answers to Fairchild interrogatories listing their trade secrets 2. Memo concerning investigation (Fairchild trade secrets) 3. Roger Borovoy's draft answers to some of plaintiff's interrogatories
Box 17 (Series 17), Folder 11	File Name C-1, Folder Number 11, 03/1969 Notes:	Sworn statement of Roger Borovoy
Box 18 (Series 17), Folder 1	File Name D-1, Folder Number 1, 05/15/1970	
	Memo for file: Motorola v. Fairchild Notes:	Contents: 1. Trade secret #6 (Semiconductor wafer dicing) 2. Trade Secret #71 (Assembly line and procedure --review of Ikeda patent)
Box 18 (Series 17), Folder 2	File Name D-1, Folder Number 2, 04/17/1969	
	Packet of papers Notes:	Contents: 1. Rule 34 motion to produce 2. Motorola's response and 3 affidavits 3. Fairchild's response to above #2 objections; affidavits of Roger Borovoy and Dr. Gordon Moore 4. Motorola's final response; 2nd affidavit from Mr. Granieri 5. Motorola's Rule 34 motion 6. Trial book summary --Trade secrets
Box 18 (Series 17), Folder 3	File Name D-1, Folder Number 3, 03/31/1969	
	Affidavit of Kenneth G. Dieker Notes:	Contents: Manager of Administrative Services of Fairchild Semiconductor Division

Box 18 (Series 17),
Folder 4 File Name D-1, Folder Number 4, 03/26/1969

Motion for order pursuant to Rule 34
Notes: Contents: Requiring Fairchild to produce and permit entry
by Motorola

Box 18 (Series 17),
Folder 5 File Name D-1, Folder Number 5, 03/26/1969
Notes: Affidavit of Charles Granieri in support of plaintiff's response
to defendant's motion for production of documents served
03/04/1969

Box 18 (Series 17),
Folder 6 File Name D-1, Folder Number 6, 03/26/1969
Notes: Affidavit of Harold R. Mumma in support of plaintiff's response
to defendant's motion for production of documents served
03/04/1969

Box 18 (Series 17),
Folder 7 File Name D-1, Folder Number 7, 03/26/1969
Notes: Affidavit of Eugene G. Sergson in support of plaintiff's response
to defendant's motion for production of documents served
03/04/1969

Box 18 (Series 17),
Folder 8 File Name D-1, Folder Number 8, 04/09/1969

Response to defendant's memorandum dated 04/03/1969
Notes: Contents: Defendant's Rule 34 motion

Box 18 (Series 17),
Folder 9 File Name D-1, Folder Number 9, 03/17/1969
Notes: Response to motion for production of documents served
03/04/1969

Box 18 (Series 17),
Folder 10 File Name D-1, Folder Number 10, 03/31/1969
Notes: Memorandum in reply to plaintiff's response to defendant's
motion to produce

Box 18 (Series 17),
Folder 11 File Name D-1, Folder Number 11, 03/31/1969
Notes: Affidavit of Gordon E. Moore

Box 18 (Series 17),
Folder 12 File Name D-1, Folder Number 12, undated
Notes: Technical Film Theatre --Program

Box 18 (Series 17),
Folder 13 File Name D-1, Folder Number 13, undated
Notes: Two pieces of paper taped together to make a planning chart

Box 18 (Series 17),
Folder 14 File Name E-1, Folder Number 14, undated

Large packet of documents; Cover letter To: Nelson Stone From: Jack
Brown

Notes: Contents: 132 page document from Motorola attorneys answering interrogatory 4 in 2nd set inquiring about trade secrets; and an answer to interrogatory 11; and verifications

Box 18 (Series 17), Folder 1 File Name F-1, Folder Number 15, undated

An ICE report
Notes: Contents: Review of semiconductor fabrication technology - Prepared for Fairchild Semiconductor Division

Box 19 (Series 17), Folder 1 File Name G-1, Folder Number 1, undated

Complaint (Approx. 40 pages) Civ. No. 6808 Phx.
Notes: Contents: Unfair competition; interference with advantageous personal relationships; anti-trust violations; unjust enrichment; constructive trust upon benefits wrongfully obtained; damages --punitive and compensatory; breach of judiciary duty by officer and director

Box 19 (Series 17), Folder 2 File Name G-1, Folder Number 2, undated
Notes: Plaintiff's answers to the first set of defendant's interrogatories; plaintiff's interrogatories to all defendant's directed to Fairchild's knowledge of or use of any of the trade secrets or any techniques included for trade secrets described in plaintiff's answers

Box 19 (Series 17), Folder 3 File Name H-1, Folder Number 3, undated

Loose papers that are divided and appear to have been in a three-ring binder
Notes: Contents: Re: Technical procedures

Box 19 (Series 17), Folder 4 File Name I-1, Folder Number 4, 03/12/1971

Call report By: Glen Madland - Conversation with Jack Brown
Notes: Contents: Re: ICE consulting program --concern over Motorola changing and strengthening their case (2 copies)

Box 19 (Series 17), Folder 5 File Name I-1, Folder Number 5, 03/12/1971

Letter To: Roger Borovoy From: Glen Madland
Notes: Contents: Concern is expressed over Motorola's expert witnesses and the positive effect they could have on a jury

--suggests that Fairchild add an additional witness to their case (3 copies)

Box 19 (Series 17),
Folder 6 File Name I-1, Folder Number 6, 03/15/1971

Letter To: Glen Madland From: Roger Borovoy
Notes: Contents: Mr. Borovoy informs Mr. Madland that he isn't using ICE as much as Madland thinks he should because it doesn't make sense to research secrets that Motorola may not argue in court.

Box 19 (Series 17),
Folder 7 File Name I-1, Folder Number 7, 02/26/1971

Call report By: Glen Madland -- Conversation with Les Hogan
Notes: Contents: Re: Consulting --New Fairchild internal organization char included (handwritten)

Box 19 (Series 17),
Folder 8 File Name I-1, Folder Number 8, 02/17/1971

Call report By: Glen Madland -- Conversation with Roger Borovoy
Notes: Contents: Re: Mr. Borovoy received the wrong invoice from ICE

Box 19 (Series 17),
Folder 9 File Name I-1, Folder Number 9, 04/26/1971

Letter To: Glen Madland From: Roger Borovoy
Notes: Contents: Acknowledgment that Fairchild owed ICE \$1100.00 and authorization of payment

Box 19 (Series 17),
Folder 10 File Name I-1, Folder Number 10, 11/03/1970

Stapled packet of papers To: Jack Brown From: Glen Madland
Notes: Contents: Information regarding public knowledge of trade secrets S-1, S-2 & S-3 concerning aluminum power transistor packages and double epitaxial transistors

Box 19 (Series 17),
Folder 11 File Name I-1, Folder Number 11, 07/28/1970

Letter and contract To: Roger Borovoy From: Glen Madland
Notes: Contents: Consulting terms and conditions

Box 19 (Series 17),
Folder 12 File Name I-1, Folder Number 12, 11/26/1969

Letter To: Roger Borovoy From: Glen Madland

Notes: Contents: Re: ICE located ½ billion government reports -- a fraction related to integrated circuit processing

Box 19 (Series 17),
Folder 13 File Name I-1, Folder Number 13, 10/27/1969

Letter To: Roger Borovoy From: Glen Madland
Notes: Contents: Preparing a bibliography of source material for litigation case

Box 19 (Series 17),
Folder 14 File Name I-1, Folder Number 14, 11/03/1969

Letter To: Glen Madland From: Roger Borovoy
Notes: Contents: Response to #13 letter (2 copies)

Box 19 (Series 17),
Folder 15 File Name I-1, Folder Number 15, 11/03/1970

Letter To: Jack Brown From: Glen Madland
Notes: Contents: Information regarding public knowledge of trade secrets S-1, S-2 & S-3 concerning aluminum power transistor packages and double epitaxial transistors (Same as #10)

Box 19 (Series 17),
Folder 16 File Name I-2, Folder Number 1, undated

Copies of previously cataloged correspondence that has been bound together

Notes: Contents: Includes exhibits: 57 (Material for the defendant); 56-1 (Labor analysis); 53 (Literature from Lea-Ronal, Inc.); Technical Bulletin, Aurall 292 process, Aurall 177 gold process; Lea-Ronal Auro Glo PC 171 gold process; Lea-Ronal Auro Vel HV gold process; Lea-Ronal Kovar Activator; Lea-Ronal bright silver process "3K"

Box 20 (Series 17),
Folder 1 File Name I-2, Folder Number 1 (cont.), Exhibit #52

Memo To: Howard Dicken, Gary Orman, Bill Farrow, Bob McLellan From: Glen Madland
Notes: Contents: Re: Publication of "A Review of semiconductor Fabrication Technology"

Box 20 (Series 17) File Name I-2, Folder Number 1 (cont.), Exhibit #51 03/14/1969

Confidential letter To: Jack Brown
Notes: Contents: Re: Copy of Motorola vs. Fairchild Cross-Index

Box 20 (Series 17) File Name I-2, Folder Number 1 (cont.), Exhibit #50

Letter To: Roger Borovoy From: Jack Brown
Notes: Contents: Re: Information on government publications

Box 20 (Series 17) File Name I-2, Folder Number 1 (cont.), Exhibit #49
Notes: Memo To : Glen Madland

Box 21 (Series 17), File Name J-1, Folder Number 1, undated
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Motorola vs. Fairchild - Civil Action 36808 -- Phx.
Notes: Contents: Defendant's answers to Plaintiff's interrogatories
served 11/19/1968

Box 21 (Series 17) Other litigation actions involving ICE

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