



Smithsonian
National Museum of American History
Kenneth E. Behring Center

I.C.E. Integrated Circuit Collection

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Alison Oswald

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	I.C.E. Integrated Circuit Collection
Identifier:	NMAH.AC.0600
Date:	1970-1997
Extent:	164 Cubic Feet (224 boxes)
Creator:	Integrated Circuit Engineering Corporation.
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

The collection is open for research use.

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:

Cultures:

Integrated circuits
Semiconductors

Types of Materials:

Newsletters -- 1950-2000
Records

Names:

Project Socrates.

Container Listing

Series 1: Status Reports, 1970-1997

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 ICE Sales Guide, Two Part Brochures, and publication *Introduces ICE*

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

Box 2 Status Reports, 1983-1997

Excerpts from Status 1984

Introduction to Status '84 - page ix

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

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

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

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	Spiral Notebooks 1-32 (9, 25 missing)
Box 2	Spiral Notebooks 33-62 (40, 56-58 missing) One unknown book
Box 3	Bound Volumes 1-21 (unconfirmed, loose in binders)
Box 4	Bound Volumes 22-36 (26 missing)
Box 5	Bound Volumes 37-68 (40, 56-59, 63-67 missing)
Box 6	Working Files 1-9 (includes old and new 8)
Box 7	Working Files 10-22 (21 missing)
Box 8	Working Files 23-59 (out of order, some are not complete)
Box 9	Working Files 60- One folder titled Integrated Circuit Fabrication
Box 175	Motorola MECL Series, 1966
Box 175	General Instrument MOS-21 Bit Shift Register, 1967
Box 175	Fairchild Logic Circuits, 1967
Box 175	MOS Circuit Evaluation (for American Microsystems, Fairchild Semiconductor, General Instrument, and Philco-Ford), 1968
Box 175	Texas Instruments Inc. ECL2550 MSI Active-Element
Box 175	Integrated Circuit packaging, 1970
Box 175	MOS Frequency Divider Circuits (Organ Circuits) from four manufacturers
Box 175	American Microsystems Inc. RD08F Stream Select Dual 50-Bit Dynamic Register, 1970
Box 175	Intel Dual 100 Bit MOS LSI Shift Register, 1970
Box 175	Texas Instruments Schottky-Clamped Transistor, 1971

- Box 175 Summary Product Analysis A Compendium of Numerous Integrated Circuits,
1969
- Box 175 A Guide to Computer-Aided Design of Integrated Circuits, 1968
- Box 175 MOS Fully Decoded Random Access 1024 Bit Dynamic memory Circuits from
four manufacturers

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Series 3: Product Evaluations, 1977 - 1983

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.

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

Box 1	PE 115 RADC Motorola MC 6846BQCS
Box 1	PE 116 RADC Intel MD2147
Box 1	PE 117 RADC Intel 8085A 8-Bit Microprocessor
Box 1	PE 118 RADC Harris HD-15530 -1979
Box 1	PE 119 RADC AMD Am2910 - 1979
Box 1	PE 120 RADC AMD Am2903 - 1979
Box 1	PE 121 RADC AMD Am9511 APU
Box 1	PE 122 RADC Motorola MC10800 - 1979
Box 1	PE 123 RADC Motorola MC10801- 1979
Box 1	PE 124 RADC Zilog Z80-CPU 8-bit NMOS Microprocessor - 1979
Box 2	Product Evaluations :Bound Volumes
Box 2	PE 125 Zilog Z80-CTC
Box 2	PE 126 Zilog Z80-PIO
Box 2	PE 127 Zilog Z80-DMA
Box 2	PE 128 Zilog Z80-SIO
Box 2	PE 129 Harris HM1-6100 12-bit Microprocessor
Box 2	PE 130 RADC Intel 8048/8035
Box 2	PE 131 RADC Fairchild 93481
Box 2	PE 132 RADC Fairchild 9440 16-bit Microprocessor
Box 2	PE 133 RADC Intel 8086 16-bit Microprocessor
Box 2	PE 134 RADC Intel 8088 8-bit Microprocessor
Box 2	PE 135 RADC Motorola MC6845 CRT Controller
Box 2	PE 136 RADC Fairchild 9442DC I/O BUS Controller
Box 2	PE 137 RADC Motorola MC68488
Box 2	No 138
Box 2	PE 139 RADC Zilog Z8001

Box 2	PE 140 RADC Zilog Z8002
Box 2	PE 141 RADC Intel 8288 BUS Controller
Box 2	PE 142 RADC Motorola MC68000 16-bit Microprocessor
Box 2	PE 143 RADC Texas Instruments TMS2516 16K E-PROM
Box 2	PE 144 RADC Intel D2118 16K Dynamic RAM
Box 2	PE 145 Zilog Z8MCU - 1982
Box 2	PE 146 Zilog Z8010 MMU - 1981
Box 2	PE 147 Zilog Z8036 CIO - 1982
Box 2	PE 148 Intel 8289 - 1982
Box 3	Product Evaluations: Bound Volumes
Box 3	Basic Technology (7th edition)
Box 3	Microcircuit Manufacturers Control Handbook (2nd Edition)
Box 3	No 149
Box 3	PE 150 AMI s3505 - 1982
Box 3	PE 151 Intel 2816 - 1983
Box 3	PE 152 Intel 8087 - 1983
Box 3	PE 153 Xicor X2210 - 1983
Box 3	PE 154 RCA MWS5114 - 1983
Box 3	PE 155 Intel 2920 - 1983
Box 3	No 156
Box 3	PE 157 Intel 8089- 1983
Box 3	PE 158 SG 1525A - 1983
Box 3	PE 159 Analog Devices AD41335 - 1983
Box 3	No 160
Box 3	PE 161 AMD Am29116 - 1983
Box 4	Product Evaluations

Box 4, Folder 1	PE 101 (RADC 10215 A) Intel MD81212, MD8224, MD8228, MC8251 - 1977
Box 4, Folder 2	PE 102 (10215 B) TI SBP9900
Box 4, Folder 3	PE 103 (10215 C) Motorola MC6820,MC6850, MC6852, MC6860 - 1977
Box 4, Folder 4	PE 104 (10215 D) AMD AM2909DM-B, AM2902DM-B
Box 4, Folder 5	PE 105 (10215 E) Am 2915, Am2916, Am2917 - 1977
Box 4	No PE 106
Box 4, Folder 6	PE 107 (10215 F) AMD AM 2918-DMB
Box 4, Folder 7	PE 108 (10215 G) Motorola MC6840, MC6830, MC6854 - 1977
Box 4, Folder 8	PE 109 (10215 A) Motorola MC6854, MC68A54 - 1077
Box 4, Folder 9	PE 110 (10215 I) RADC Intel 8259
Box 4, Folder 10	PE 111 (10215 J) Intel 82551
Box 5	Product Evaluations
Box 5, Folder 1	PE 113 (10215 L) AMD Am2901 DC
Box 5, Folder 2	PE 114 (1039 A) Motorola MC6802
Box 5, Folder 3	PE 115 (10379 B) Motorola MC6846BQCS
Box 5, Folder 4	PE 116 (10379 C) Intel MD2147
Box 5, Folder 5	PE 117 (10379 F) Intel 8085A 8-Bit Microprocessor - 1979
Box 5, Folder 6	PE 118 (10379 G) Harris HD-15530
Box 6	Product Evaluations
Box 6, Folder 1	PE 119 (10379 D) RADC AMD Am2903, Am2910 - 1979
Box 6, Folder 2	PE120 (10379 E) RADC AMD Am2903
Box 6, Folder 3	PE 121 (10379 H) RADC AMD Am 9511
Box 6, Folder 4	PE 122 (10379 J) RADC Motorola MC10800 - 1979
Box 6, Folder 5	PE 123 (10379 I) RADC Motorola MC 10801
Box 6, Folder 6	PE 124 (10379 L) RADC Zilog Z80-CPU
Box 7	Product Evaluations

Box 7, Folder 1	PE 125 (10379 K) Zilog Z80-CTC
Box 7, Folder 2	PE 126 (10379 M) RADC Zilog Z80-PIO
Box 7, Folder 3	PE 127 (10379 N) RADC Zilog Z80-DMA
Box 7, Folder 4	PE 128 (10379 O) RADC Zilog Z80-SIO
Box 7, Folder 5	PE 129 (10379 P) RADC Harris HM1-6100 12-bit Microprocessor
Box 8	Product Evaluations
Box 8, Folder 1	PE 130 (10379 Q) RADC Intel 8048/8035
Box 8, Folder 2	PE 131 (10379 R) RADC Fairchild 93481 4096 X 1-Bit Dynamic RAM
Box 8, Folder 3	PE 132 (10379 S) RADC Fairchild 9440 16-Bit Microprocessor
Box 8, Folder 4	PE 133 (10379 T) Intel 8086 16-Bit HMOS Microprocessor
Box 8, Folder 5	PE 134 (10379 U) RADC Intel 8288 BUS Controller
Box 8, Folder 6	PE 135 (10379 W) RADC Motorola MC 6845 CRT Controller
Box 9	Product Evaluations
Box 9, Folder 1	PE 136 (10379 V) RADC Fairchild 9442DC I/O BUS Controller
Box 9, Folder 2	PE 137 (10379 X) RADC Motorola MC68488
Box 9	No PE 138
Box 9, Folder 3	PE 139/140 (10379 AA) RADC Zilog Z8002 and Z8001
Box 9	No PE 141
Box 9, Folder 4	PE 142 (10379 EE) RADC Motorola MC68000 16-bit Microprocessor
Box 9, Folder 5	PE 143 (10379 DD) Texas Instruments TM2516 16K-PROM
Box 9, Folder 6	PE 144 (10379 CC) RADC Intel D2118
Box 9, Folder 7	PE 145 ½ (10891 A) RADC Zilog Z8 MCU
Box 9, Folder 8	PE 145 2/2 (10379 --Y) Zilog Z8 - 1981
Box 10	Product Evaluations
Box 10, Folder 1	PE 146 ½ (10891 D) RADC Zilog Z8010 MMU - 1981
Box 10, Folder 2	PE 146 2/2 (13891 D)Zilog Z8010 - 1981

Box 10, Folder 3	PE 147 ½ (10891 E) RADC Zilog Z8036 CIO - 1982
Box 10, Folder 4	PE 147 2/2 (13891 E) Zilog Z8036 - 1981
Box 10, Folder 5	PE 148 ½ (10891 B) RADC Intel 8289 - 1982
Box 10, Folder 6	PE 148 2/2 (13891 B) Intel 8085A
Box 11	Product Evaluations
Box 11, Folder 1	PE 149 (10891 F) RADC Motorola MC68120 IPC - 1982
Box 11, Folder 2	PE 150 (10891 H) RADC AMI S3505
Box 11, Folder 3	PE 151 ½ (10891 J) RADC Intel 2816 -1983
Box 11, Folder 4	PE 151 2/2 (13891 J) Intel 8086 - 1982
Box 11, Folder 5	PE 152 ½ (10891 I) RADC Intel 8087
Box 11, Folder 6	PE 152 2/2 (13891 I) Intel 8087 - 1982
Box 12	Product Evaluations
Box 12, Folder 1	PE 153 ½ (10891 G) RADC XICOR X2210 - 1983
Box 12, Folder 2	PE 153 2/2 (13891 G) XICOR X221
Box 12, Folder 3	PE 154 (10891 K) RADC RCA MWS5114 - 1983
Box 12, Folder 4	PE 155 (10891 C) RADC Intel 2920 - 1983
Box 12, Folder 5	PE 156 (10891 L) RADC AMD Am2960
Box 12, Folder 6	PE 157 (10891 M) RADC Intel 8089 - 183
Box 13	Product Evaluations
Box 13, Folder 1	PE 158 (10891 N) SG 1525A -1983
Box 13, Folder 2	PE 159 (10891 Q) RADC Analog Devices AD41335 - 1983
Box 13, Folder 3	PE 160 (10891 S) RADC Intel 2164 A
Box 13, Folder 4	PE 161 (10891 R) RADC AMD Am29116 - 1983
Box 13, Folder 5	PE 162 (10891 L) AMD Am2960

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

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 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 Samsung KM44C4000J-7

Box 1 16 Megabit DRAM

ICE Shared Construction Analysis SCA 9412-394

Box 1 Micron Semiconductor MT5C64K16A1DJ

Box 1 64K x 16 SRAM

ICE Shared Construction Analysis SCA 9504-401

Box 1 Xicor X28C010J-20

Box 1 128K x 8 Bit EEPROM

ICE Shared Construction Analysis SCA 9504-403

Box 1 Actel A1440

Box 1 FPGA

ICE Shared Construction Analysis SCA 9504-407

Box 1 ISSI IS27HC010

Box 1 1Mbit UVEPROM

ICE Shared Construction Analysis SCA 9504-408

Box 1 Atmel AT27C010-45DC

Box 1 1Mbit EPROM

ICE Shared Construction Analysis SCA 9512-442

Box 1 National Semiconductor 24C16EN

Box 1 16K Serial EEPROM

ICE Shared Construction Analysis SCA 9512-444

Box 1 QLogic ISP1000

Box 1 SCSI Processor

ICE Shared Construction Analysis SCA 9512-445

Box 1 Maxim MAX662

Box 1 12V DC-DC Converter

ICE Shared Construction Analysis SCA 9608-508

Box 1 Chip Express QYH530

Box 1 Laser Programmable Gate Array

ICE Shared Construction Analysis SCA 9608-509

Box 1 Motorola XC56002PV80

Box 1 Digital Signal Processor

ICE Shared Construction Analysis SCA 9608-511

Box 1 UMC UM613264F-7

Box 1 2Mbit SRAM

ICE Shared Construction Analysis SCA 9611-501

Box 1 Philips PZ5032-10A44

Box 1 32 Macrocell PLD

ICE Shared Construction Analysis SCA 9612-510

Box 1 QuickLogic QL24x32B

Box 1 CMOS FPGA

ICE Shared Construction Analysis SCA 9612-512

Box 1 Samsung KM984000ALG-7

Box 1 4 Meg. SRAM

ICE Shared Construction Analysis SCA 9612-514

Box 1 Panasonic MN150808KJAG

Box 1 Microcontroller

ICE Shared Construction Analysis SCA 9612-515

Box 1 Microchip 93LC86

Box 1 16K Serial EEPROM

ICE Shared Construction Analysis SCA 9612-516

Box 1 Atmil AT27C512R

Box 1 512K UVEPROM

ICE Shared Construction Analysis SCA 9612-517

Box 1 AMD AM27C010

Box 1 1M UVEPROM

ICE Shared Construction Analysis SCA 9612-518

Box 1 SGS-Thomson M17C1001

Box 1 1Mb UVEPROM

ICE Shared Construction Analysis SCA 9612-519

Box 1 SGS-Thomson 93C46CB1

Box 1 1K EEPROM

ICE Shared Construction Analysis SCA 9612-521

Box 1 Xicor X25020P

Box 1 2K EEPROM

ICE Shared Construction Analysis SCA 9612-522

Box 1 Lattice ispLSI1032E CPLD

ICE Shared Construction Analysis SCA 9612-523

Box 1 Sony CXK5B16120J-12

Box 1 1Mbit (64K x 16) BiCMOS SRAM

ICE Shared Construction Analysis SCA 9702-524

Box 1 Toshiba TC5165165AFT-50

Box 1 64 Mbit DRAM
ICE Shared Construction Analysis SCA 9702-525

Box 1 Dallas Semiconductor DS80C320

Box 1 Microcontroller
ICE Shared Construction Analysis SCA 9702-526

Box 1 AMD MACH5 512

Box 1 Complex Programmable Logic Device
ICE Shared Construction Analysis SCA 9702-527

Box 1 AMD MACH5-256

Box 1 Programmable Logic Device
ICE Shared Construction Analysis SCA 9702-528

Box 1 Fujitsu MB81G8322-010

Box 1 8Meg. SGRAM
ICE Shared Construction Analysis SCA 9702-529

Box 1 Hitachi HM5283206FP10

Box 1 8Mbit SGRAM
ICE Shared Construction Analysis SCA 9702-530

Box 1 Samsung KM4132G271Q-10

Box 1 8Mbit SGRAM
ICE Shared Construction Analysis SCA 9703-499

Box 1 Mosel Vitelic MS622656CLL-70PC

Box 1 256Kbit SRAM
ICE Shared Construction Analysis SCA 9703-531

Box 1 NEC D481850GE-A10

Box 1 8Meg. SGRAM
ICE Shared Construction Analysis SCA 9702-532

Box 1 Toshiba TC86R10000-200

Box 1 64-Bit Microprocessor

ICE Shared Construction Analysis SCA 9703-533

Box 1 Winbond W2E512, W27E257

Box 1 EEPROM

ICE Shared Construction Analysis SCA 9703-534

Box 1 NEC D23C3200A

Box 1 32Mb MROM

ICE Shared Construction Analysis SCA 9704-535

Box 1 DEC SA-110S

Box 1 StrongARM 32-Bit Microprocessor

ICE Shared Construction Analysis SCA 9704-536

Box 1 Lattice GAL22LV10D-4LJ

Box 1 EEPLD

ICE Shared Construction Analysis SCA 9704-537

Box 1 Analog Devices ADSP-21062-KS-160

ICE Shared Construction Analysis SCA 9705-538

Box 1 Lattice 3256A-90LM

Box 1 PLD

ICE Shared Construction Analysis SCA 9705-539

Box 1 Micron Semiconductor MT4LC16M4H9

Box 1 64Mbit DRAM

ICE Shared Construction Analysis SCA 9706-540

Box 1 Intel 200MHz Pentium

Box 1 Processor W/MMX

ICE Shared Construction Analysis SCA 9706-541

Box 1 Advanced Micro Devices 200MHz K6

Box 1 Microprocessor

 ICE Shared Construction Analysis SCA 9706-542

Box 1 Intel 266MHz 32-Bit Pentium II

Box 1 (Klamath) Processor

 ICE Shared Construction Analysis SCA 9706-543

Box 1 Atmel AT89C2051 & AT89S8252

Box 1 Microcontrollers

 ICE Shared Construction Analysis SCA 9706-544

Box 1 Xilinx XC4036EX

Box 1 FPGA

 ICE Shared Construction Analysis SCA 9707-545

Box 1 Oki M5117805A-60J

Box 1 16Mbit DRAM (EDO)

 ICE Shared Construction Analysis SCA 9707-546

Box 1 Rockwell 11577-11

Box 1 Digital Correlator

 ICE Shared Construction Analysis SCA 9707-547

Box 1 NKK NR4645LQF-133

Box 1 64-bit RISC Processor

 ICE Shared Construction Analysis SCA 9708-548

Box 1 Sharp LH28F032SUTD-70

Box 1 32Mbit Flash EEPROM

 ICE Shared Construction Analysis SCA 9708-549

Box 1 VTC VM365830VSJ

Box 1 Pre-Amp

ICE Shared Construction Analysis SCA 9702-550

Box 1 Toshiba TC58A040F

Box 1 4Mbit NAND EEPROM

ICE Shared Construction Analysis SCA 9709-551

Box 1 Motorola PC603

Box 1 Microprocessor

ICE Shared Construction Analysis SCA 9709-552

Box 1 Rockwell R6732-13

Box 1 RF to IF Down Converter

ICE Shared Construction Analysis SCA 9709-553

Box 1 Xilinx XC4036XL-1C

Box 1 FPGA

ICE Shared Construction Analysis SCA 9709-554

Box 1 AMD/Vantis MACHL V466-10

Box 1 EEPLA

ICE Shared Construction Analysis SCA 9710-556

Box 1 Silicon Systems 32R220R

Box 1 Read/Write Device

ICE Shared Construction Analysis SCA 9710-557

Box 1 Qlogic ISP1040B

Box 1 SCSI I/O Processor

ICE Shared Construction Analysis SCA 9710-558

Box 1 PLX TEchnology PCI 9080

Box 1 I/O Accelerator

ICE Shared Construction Analysis SCA 9710-559

Box 1 SGS-Thomson M28C64-121

Box 1 64K EEPROM

ICE Shared Construction Analysis SCA 9710-560

Box 1 SGS-Thomson L4990

Box 1 Controller

ICE Shared Construction Analysis SCA 9711-561

Box 1 Motorola MPA1016FN

Box 1 FPGA

ICE Shared Construction Analysis SCA 9711-562

Box 1 Motorola MC68360EM25VC

Box 1 Communication Controller

ICE Shared Construction Analysis SCA 9711-563

Box 1 IBM/Motorola MPC750

Box 1 RISC Microprocessor

ICE Shared Construction Analysis SCA 9711-567

Box 1 NEC 79VR5000

Box 1 RISC Microprocessor

ICE Shared Construction Analysis SCA 9712-565

Box 1 Hitachi 5165805A

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

ICE Shared Construction Analysis SCA 9712-566

Box 1 Mitsubishi M5M465405AJ

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

ICE Shared Construction Analysis SCA 9712-568

Box 1 Xilinx XC9536

Box 1 CPLD

ICE Shared Construction Analysis SCA 9712-569

Box 1	Altera EPM7128SQC160-15
Box 1	EPLD
	ICE Shared Construction Analysis SCA 9712-570
Box 1	National Semiconductor LM2672
Box 1	Simple Switcher® Voltage Regulator
	ICE Shared Construction Analysis SCA 9712-571
Box 1	Melexis ELEX 16201C
Box 1	Device
	ICE Shared Construction Analysis SCA 9712-572
Box 1	Macronix 27C8100PC-10
Box 1	8Mbit NAND EPROM
	ICE Shared Construction Analysis SCA 9712-573
Box 1	Lattice ispLSI2032-180L
Box 1	CPLD
	ICE Shared Construction Analysis SCA 9712-575
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Box 1	SHARC Digital Signal Processor
	ICE Shared Construction Analysis SCA 9712-574
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Box 1	Switching Regulator
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Box 1	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

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

Box 1 (8), ca. 1974

Box 1 Publications
 Contents: 6 articles in a large three ring binder

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Box 1 (8), 1971

Box 1 MOS Processing
 Contents: Regrowing II-T Process, Low voltage process

Box 1 (8), 1968

Box 1 EPI #1 to #250
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Box 1 Process Specifications for the 40 Volt BIPOLAR process
 Contents: Doc. No. PS-120410

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Box 1 (8), 1970-1974

Box 1 Initial-Oxs
 Contents: Data worksheets

Box 2 (9), Jan. 1985 - Jan. 1986

Box 2 Microelectronics News
 Contents: Journal

Box 2 (9), 1966

Box 2 Thin Film Processing 110388
 Contents: "Volume III Integrated Circuit Thin-Film Processing-A Compendium on BIPOLAR and MOS Wafer Processing"

Box 2 (9), 1966

Box 2 Silicon Wafer Processing
 Contents: "Volume II Silicon Wafer Processing-A Compendium on BIPOLAR and MOS Wafer Processing"

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

Contents: published report

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Series 6: Manufacturing Facilities, 1980-1983

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.

- | | |
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| Box 1 | LSI Manufacturing Facilities Guidelines, 1980
Contents: SAME; published report by ICE |
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Contents: SAME; published report by ICE; blueprints |
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Contents: SAME; published report by ICE |
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Series 8: Company Profiles, 1991-1995

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.

- | | |
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| Box 1 | Profiles 1991: A Worldwide Survey of IC Manufacturers and Suppliers Contents:
published report by ICE |
| Box 1 | Profiles 1993: A Worldwide Survey of IC Manufacturers and Suppliers Contents:
published report by ICE |
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published report by ICE |

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Series 9: ICECAP Reports, 1980-1990

This series consists of a newsletter type report published by Integrated Circuit Engineering.

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Series 10: Government/Military, 1977-1981

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 November 1978
Contents: RADC Product Evaluation Report- PE-114 Tracking Sheet No. 24
DESC Line Pre-Audit Samples; Analog Devices
- Box 1 June 1979
Contents: RADC Product Evaluation Report- PE 112 DESC Stores Audit
M38510/00902BEB; Signetics
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Contents: RADC Product Evaluation Report- PE 111 DESC STORES Audit
M38510/009004BEB; Motorola
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Contents: RADC Product Evaluation Report- PE 110 DESC Stores Audit
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Contents: RADC Product Evaluation Report- PE 108 Class B Qualification
Samples MC 14013; Motorola
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Contents: RADC Product Evaluation Report- PE 103 DESC Line Audit Samples
M1 7641-5 (.../208); Harris Semiconductor
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Contents: RADC Product Evaluation Report- PE 102 DESC Stores Audit
M38510/02003BCB; National Semiconductor Co.
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Contents: RADC Product Evaluation Report- PE 101 DESC Stores Audit
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Contents: RADC Product Evaluation Report- PE 142 Tracking Sheet No. 45 QPL
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Contents: RADC Product Evaluation Report- PE 141 Tracking Sheet No. 44 Line
Certification Sample Devices 16K Dynamic RAM; Mostek
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Contents: RADC Product Evaluation Report- PE 139 DESC Stores Audit
M38510/02203BCB; Signetics
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- Contents: RADC Product Evaluation Report- PE 136 DESC Stores Audit JM38510/01101BJC; Signetics
- Box 1 March 1979
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 May 1979
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 March 1979
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 March 1979
Contents: RADC Product Evaluation Report- PE 127 Tracking Sheet No. 34 Line Certification Sample Evaluation 741T; Precision Monolithics, Inc.
- Box 1 Contents: RADC Product Evaluation Report- PE 127 Tracking Sheet No. 34 Line Certification Sample Evaluation 741T; Precision Monolithics, Inc.
- Box 1 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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Contents: RADC Product Evaluation Report- PE 115 Tracking Sheet No. 27 Production Line Certification Samples 8080A; National Semiconductor Co.
- Box 1 June 1979
Contents: RADC Product Evaluation Report- PE 100 DESC Stores Audit M38510/00804BCB; ITT
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- Box 1 June 1978

- Contents: RADC Product Evaluation Report- PE 94 DESC Line Audit Samples Class B 4K Schottky PROM's; Harris Semiconductor
- Box 1 June 1978
Contents: RADC Product Evaluation Report- PE 93 Line Certification Samples 7611 (.../203); Harris Semiconductor
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- Box 1 February 1981
Contents: RADC Product Evaluation Report- PE 85 MIL-M-38510 Detailed Specification Sample Devices; DAC-08; PMI
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Contents: RADC Product Evaluation Report- PE 84 MIL-M-38510 Detailed Specification Sample Devices DAC-08; Fairchild Semiconductor
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Contents: RADC Product Evaluation Report- PE 83 MIL-M-38510 Detailed Specification Sample Devices DAC-08; Datel
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Contents: RADC Product Evaluation Report- 81 MIL-M-38520 Detailed Specification Sample Devices DAC-08(NE 5009F); Signetics
- Box 1 September 1980
Contents: RADC Product Evaluation Report- PE 185 Tracking Sheet No. 78 Package and Device Assembly Qualification DM5410J; National Semiconductor Co.
- Box 1 June 1978
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- Contents: RADC Product Evaluation Report- PE 72 Pre-audit Evaluation PM 108 Devices; Precision Monolithics
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Contents: RADC Product Evaluation Report- PE 68 Device Quality Determination of JANSMH54L93F1; Texas Instruments
- Box 1 February 1978
Contents: RADC Product Evaluation Report- PE 67 Pre-audit evaluation of CMOS Circuits; Motorola, Inc.
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Contents: RADC Product Evaluation Report- PE 50 DESC Stores Audit
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- Box 1 May 1977
Contents: RADC Product Evaluation Report-PE 44 Pre-audit Evaluation of
Memory Devices (2K, 4K RAMS); Monolithic Memories, Inc.
- Box 1 May 1977
Contents: RADC Product Evaluation Report- PE 38 Pre-audit Evaluation of
Raytheon 38510/10101 AGC & 91S/54LS21J Devices
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M-38510/00101BCB

- Box 1 Contents: RADC Product Evaluation Report- PE 11 Pre-audit Evaluation of Raytheon 54LS21 and MM 741 Devices
- Box 1 August 1978
Contents: Mid-1978 Status of the Integrated Circuit Industry: The Military/Aerospace Integrated Circuit Market Place of the 1980's and 190's by John D. Shea, Vice President
- Box 1 September 1978
Contents: Integrated Circuit Military/Aerospace Marketing and Procurement Reference Manual
- Box 2 RADC Product Evaluation Report PE 143: QPL Part One Sample Devices, M38510/05003BCB; Motorola (May 1979)
- Box 2 RADC Product Evaluation Report PE 145: Sealing Glass XS-1175, Type D Package; Motorola (May 1979)
- Box 2 RADC Product Evaluation Report PE 147: QPL Part I Qualification Samples, M38510/20301BEB; Harris (May 1979)
- Box 2 RADC Product Evaluation Report PE 148: Line Certification Samples, Class S, B CMOS and LS Devices; National Semiconductor Co. (June 1979)
- Box 2 RADC Product Evaluation Report PE 149: Device Qualification Samples, Group D-4, JM38510/05503BEB; Motorola (August 1979)
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- Box 2 RADC Product Evaluation Report PE 159: Line Certification Sample Devices, DG182, DG184, DG187, DG191; Intersil (October 1979)
- Box 2 RADC Product Evaluation Report PE 160: Evaluation on Detailed Specification Preparation Samples, M38510/122XX; Harris (February 1980)
- Box 2 RADC Product Evaluation Report PE 162: Sealing Glass DC-5 Evaluation, MIL-M38510/30702BEB; Fairchild (January 1980)
- Box 2 RADC Product Evaluation Report PE 163: QPLI Qualification Devices, MIL-M-38510/20302BEB, /20402BEB; Signetics (December 1979)
- Box 2 RADC Product Evaluation Report PE 165: Evaluation of a New Type TO-3 Package, JM38510/10707BYC; Fairchild (March 1980)

- Box 2 RADC Product Evaluation Report PE 166: Preaudit Sample Devices, Z-80 CTC, Z-80 CPU; ZILOG (March 1980)
- Box 2 RADC Product Evaluation Report PE 167: Evaluation of Sealing Glass KC402, Dual-in-line, glass sealed packages, Type C, Type E; Motorola
- Box 2 RADC Product Evaluation Report PE 169: QPL Part II, Class S Qualification Sample Devices MIL-M-38510/15201BJB; Signetics (May 1980)
- Box 2 RADC Product Evaluation Report PE 171: AD7520UD; Analog Devices (Limerick, Ireland) (February 1980)
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- Box 2 RADC Product Evaluation Report PE 176: QPL Part I Qualification Sample Devices JM38510/11107BEC(DG190A); Siliconox (April 1980)
- Box 2 RADC Product Evaluation Report PE 178: Package and Die Attach Evaluation D package, case outline F-2; Signetics (April 1980)
- Box 2 RADC Product Evaluation Report PE 179: QPL Part I Qualification Sample Devices MIL-M-38510/11101BIC; Siliconix (May 1980)
- Box 2 RADC Product Evaluation Report PE 180: Package Lead Finish Types E, C, P; Raytheon (October 1980)
- Box 2 RADC Product Evaluation Report PE 181: Type E, Large Cavity Packages .../01306BEB; Motorola (March 1980)
- Box 2 RADC Product Evaluation Report PE 182: Device Assembly and Package Qualification Samples LM108A; Fairchild (May 1980)
- Box 2 RADC Product Evaluation Report PE 183: Qualification of the Devices Used for Preparation of Detailed Specifications 7520 UD; Analog Devices, Ireland (February 1981)
- Box 2 RADC Product Evaluation Report PE 184: QPL Part I, Qualification Devices JM38510/20402BFC; Monolithic Memories, Inc. (May 1980)
- Box 2 RADC Product Evaluation Report PE 186: Production Line Audit Samples at Class S Level CD4075BF DM54LS00J/883B; National Semiconductor Co. (May 1980)
- Box 2 RADC Product Evaluation Report PE 187: JAN Clas S Line Audit Sample Devices DG300AA/883 DG307AP/883; Siliconox (May 1980)
- Box 2 RADC Product Evaluation Report PE 189: QPL Part I Sample Devices Unmarked (.../11107BEC); Intersil (August 1980)

- Box 2 RADC Product Evaluation Report PE 190B: Package Seal Evaluation Type C, Type E; National Semiconductor Co. (October 1980)
- Box 2 RADC Product Evaluation Report PE 191: Package Qualification Samples CMOS, Type C Packages; Motorola (September 1980)
- Box 2 RADC Product Evaluation Report PE 192: Package Qualification Samples Type C, Type E; National Semiconductor Co. (November 1980)
- Box 2 RADC Product Evaluation Report PE 194: Class S Level Line Audit Samples, CMOS; National Semiconductor Co. (November 1980)
- Box 2 RADC Product Evaluation Report PE 195: Package Seal Quality of DESC Stores Devices, CMOS; National Semiconductor Co. (August 1980)
- Box 2 RADC Product Evaluation Report PE 198: Package Seal and Device Assembly Qualification .../30203BDB; National Semiconductor Co. (November 1980)
- Box 2 RADC Product Evaluation Report PE 200: Package Seal, Die Attach Sample Devices, DAC 08; Precision Monolithic, Inc. (November 1980)
- Box 2 RADC Product Evaluation Report PE 201: Class S - QPL Qualification Samples, CD4081; RCA (January 1981)
- Box 2 RADC Product Evaluation Report PE 203: Quality of the Lead Finish, 64 Lead Packages; TRW (November 1980)
- Box 2 RADC Product Evaluation Report PE 205: Quality of Packages with Solder Dip Lead Finish, Type C, Type E; National Semiconductor Corp. (November 1980)
- Box 2 RADC Product Evaluation Report PE 206: Quality of the Device Assembly Operations, .../10102BIC, .../10107BGC; National Semiconductor Corp. (January 1981)
- Box 2 RADC Product Evaluation Report PE 207: QPL Qualification Devices, JM38510/1014BHC; National Semiconductor Corp. (January 1981)
- Box 2 RADC Product Evaluation Report PE 208: Evaluation of the Wire Bonding Processes, CMOS Devices; RCA (November 1980)
- Box 2 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)
- Box 2 RADC Product Evaluation Report PE 210: Quality of Package Seals, Types F-4, D-2, D-4; Fairchild Semiconductor (February 1981)
- Box 2 RADC Product Evaluation Report B PE 211: Package Seal Quality, KC-402, Type C, Type E; Motorola (January 1981)

- Box 2 RADC Product Evaluation Report B PE 212: Package and Device Assembly Qualification, .../05202BCB, .../05504BEB; Motorola (December 1980)
- Box 2 RADC Product Evaluation Report on the Am 2918 Quad D Register Manufactured by Advanced Micro Devices, Inc. (August 1977)
- Box 2 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 *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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Project Files are arranged into six subseries.

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Subseries 16.1: Project Files (arranged by project number)

Box 1, Folder 5	ICE Project Number 305a ICE Folder Name: UNITED ARCRAFT P/Q #1011, 1968 Content Summary: Presentation hybrid & solid state
Box 1, Folder 6	ICE Project Number 305b ICE Folder Name: UNITED AIRCRAFT, 1968 Content Summary: Master-electronic components division of limited aircraft corp.
Box 1, Folder 7	ICE Project Number 306 ICE Folder Name: WALTER C. MCCRONE ASSOCIATES, INC. Content Summary: SUHL II device analysis
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Box 1, Folder 9	ICE Project Number 308 ICE Folder Name: ENGINEERING/FABRICATION PHOENIX MAY 20-24, 1968
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- Content Summary: Dual in-line packaging, diagrams, markets, status, 1968
- Box 2, Folder 1 ICE Project Number 325D
ICE Folder Name: GTI CORPORATION, 04/18/69
Content Summary: Status of integrated circuit packaging- Fourth Quarterly Report
- Box 2, Folder 2 ICE Project Number 325E
ICE Folder Name: GTI, 1969
Content Summary: Packaging activity reports-note: ceramic multilayer
- Box 2, Folder 3 ICE Project Number 326
ICE Folder Name: BORG-WARNER COPORATION
Content Summary: Moisture monitoring device
- Box 2, Folder 4 ICE Project Number 330
ICE Folder Name: ENGINEERING/FABRICATION JUNE 17-21, 1968
- Box 2, Folder 5 ICE Project Number 334
ICE Folder Name: LSI 1968
Content Summary: Large scale integration
- Box 2, Folder 6 ICE Project Number 343
ICE Folder Name: IBM- ESSEX JUNCTION, VERMONT JULY 15-19, 1968
- Box 2, Folder 7 Box 2, Folder 7, ICE Project Number 348
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- Box 2, Folder 8 Box 2, Folder 8, ICE Project Number 349a
ICE Folder Name: CENTRALAB-1-DAY MANAGEMENT OCTOBER 14th&15th, 1968
- Box 2, Folder 9 ICE Project Number 349b
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Content Summary: Report file-Centerlab's present/future microelectronics operation
- Box 2, Folder 10 ICE Project Number 349c
ICE Folder Name: CENTRALAB-1-DAY MANAGEMENT OCTOBER 14th&15th, 1968
Content Summary: Project cost analysis
- Box 2, Folder 11 ICE Project Number 353a
ICE Folder Name: Hugh, 1968

Content Summary: Flip chips/equipment

Box 2, Folder 12 ICE Project Number 353b
ICE Folder Name: C.J. LAwernce and Sons, 1968
Content Summary: A program for the semiconductor processing equipment industry

Box 2, Folder 13 Box 2, Folder 13, ICE Project Number 353c
ICE Folder Name: NAvan, 1967
Content Summary: The market for semiconductor processing equip.

Box 2, Folder 14 Box 2, Folder 14, ICE Project Number 353d
ICE Folder Name: amecs, 1969
Content Summary: A group entering the market with ILC concept

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ICE Folder Name: semifab
Content Summary: A new concept for the semiconductor industry

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

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ICE Folder Name: ENGINEERING/FABRICATION OCTOBER 21-25, 1968

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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
Content Summary: Integrated circuit economics

Box 3, Folder 5 Box 3, Folder 5, ICE Project Number 365
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Box 3, Folder 6 Box 3, Folder 6, ICE Project Number 366
ICE Folder Name: MANAGEMENT BRIEFING SESSION OCTOBER 17, 1968

	Content Summary: The application of integrated circuits
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Box 3, Folder 17	Box 3, Folder 17, ICE Project Number 387 ICE Folder Name: G.E. Content Summary: Memory studied
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	ICE Folder Name: UNITED AIRCRAFT MARKETING STUDY P/Q 4014 Content Summary: A study of the semiconductor memory market
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ICE Folder Name: FAMILIARIZATION SEMINAR/FORUM
Content Summary: Lilton Electron-tube division

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

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

Box 4, Folder 11 ICE Project Number 402a

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

Box 5, Folder 1 ICE Project Number 402b

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

Box 5, Folder 2 ICE Project Number 402c

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

Box 5, Folder 3 ICE Project Number 402d

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

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ICE Folder Name: ICE

	Content Summary: Internal information on 500 Element Plot move to ICEMAP III program
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Box 5, Folder 12	ICE Project Number 410 ICE Folder Name: GENERAL ELECTRIC, SYRACUSE P/Q 1098 PHASE II (P.A.), 1969 Content Summary: Status of 9 circuits
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Box 5, Folder 14	ICE Project Number 411b

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

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

Box 6, Folder 1 Box 6, Folder 1, ICE Project Number 413

ICE Folder Name: bendix electodynamics, 1969
Content Summary: Facility review

Box 6, Folder 2 Box 6, Folder 2, ICE Project Number 415
ICE Folder Name: ENGINEERING/FABRICATION MARCH 17-21, 1969

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ICE Folder Name: general electric company, 1969
Content Summary: A study of Integration level-Master Copy and correspondence

Box 6, Folder 4 Box 6, Folder 4, ICE Project Number 417

ICE Folder Name: GENERAL ELECTRIC, PHOENIX P/Q 1104 SPECIAL PROJECTS ANAYLISIS, 1969
Content Summary: Plastic package evaluation T.I. Emitter coupled logic ECL-2500 family

Box 6, Folder 5 Box 6, Folder 5, ICE Project Number 418

ICE Folder Name: SIGNETICS/SUNNYVALE, COL. P/Q 2021, 1969
Content Summary: ECL/CML circuit market study

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ICE Folder Name: analog devices, inc., 1969
Content Summary: Potential in-house monolithic facility study

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ICE Folder Name: 2-WEEK FABRICATION SEMINAR FEBRUARY 24-MARCH 7, 1969

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ICE Folder Name: ENGINEERING/FABRICATION APRIL 21-25, 1969
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ICE Folder Name: general electric company p/q #1122, 1969
Content Summary: Investigation proposal: gated amplifier wafers
- Box 6, Folder 12 Box 6, Folder 12, ICE Project Number 432

ICE Folder Name: m.i.t.
Content Summary: Diffused resistor impurity diffusion profiles
- Box 6, Folder 13 Box 6, Folder 13, ICE Project Number 435
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- Box 6, Folder 14 Box 6, Folder 14, ICE Project Number 439
ICE Folder Name: 5-DAY ENGINEERING MAY 19-23, 1969
- Box 6, Folder 15 Box 6, Folder 15, ICE Project Number 443
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ICE Folder Name: Joseph Lucas, Ltd.-ford motor company, 1969
Content Summary: Step-by-step of semiconductor fabrication procedures & facility layout
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ICE Folder Name: Joseph Lucas, Ltd.-ford motor company, 1969
Content Summary: Failure mechanism for the Ford voltage reg.
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ICE Folder Name: GENERAL ELECTRIC, PHOENIX P/Q 1103 PHASE III (QUATERLY VISITS)
Content Summary: Procurement practices
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ICE Folder Name: MOTOROLA, INC.- CHICAGO P/Q #1068, 1969
Content Summary: Decoder logic A wafer-Gold backed wafer & overlays with diffusion MASKS
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ICE Folder Name: Semcor division of components, inc., 1969
Content Summary: Failure analysis of Zener diodes, Z1382 & Z1363
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ICE Folder Name: eaton, yale, and towne research center, 1969
Content Summary: Automotive automatic speed control/problems and economics silicon monolithic

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Content Summary: Incomplete contract request

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

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

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ICE Folder Name: ENGINEERING SEMINAR JUNE 23-27, 1969

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

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ICE Folder Name: Aerojet-general corporation, 1969
Content Summary: Contract correspondence and flip-flop

Box 7, Folder 1 Box 7, Folder 1, ICE Project Number 462

ICE Folder Name: BABCOCK & WILCOX P/Q 1144' 1969
Content Summary: Multiple transistor chips

Box 7, Folder 2 Box 7, Folder 2, ICE Project Number 463
ICE Folder Name: STATE UNIVERSITY OF NEW YORK JUNE 18, 19, 20, 1969

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ICE Folder Name: IBM-POUGHKEEPSIE JUNE 23-26, 1969

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ICE Folder Name: BENDIX CORPORATION PROPOSAL 1133
Content Summary: Expanded microelectronics operation

Box 7, Folder 5 Box 7, Folder 5, ICE Project Number 469

ICE Folder Name: MOTOROLA, INC.-MESA P/Q #1143, 1969
Content Summary: Laying out MASK sets

Box 7, Folder 6 Box 7, Folder 6, ICE Project Number 470
ICE Folder Name: HONEYWELL SEMINAR JUNE 30 AND JULY 1, 1969

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ICE Folder Name: G. E. PHOENIX-CIRCUIT MODELING P/Q #1138, 1969
Content Summary: Explanation of model parameters for "CIRCUS"
programs

Box 7, Folder 8 Box 7, Folder 8, ICE Project Number 472

ICE Folder Name: OMNI-SPECTRA P/Q 1140, 1969
Content Summary: Market analysis of microwave integrated circuits

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

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

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ICE Folder Name: MICROSYSTEMS INTERNATIONAL PROP. 1154A

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

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

Box 7, Folder 14 Box 7, Folder 14, ICE Project Number 488

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

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

Box 7, Folder 16 Box 7, Folder 16, ICE Project Number 491

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

Box 7, Folder 17	Box 7, Folder 17, ICE Project Number 493 ICE Folder Name: ENGINEERING/ RELIABILITY /PURCH/ MKT. NOVEMBER 17-21, 1969
Box 7, Folder 18	Box 7, Folder 18, ICE Project Number 494 ICE Folder Name: ICE, 1969 Content Summary: Report: T6 Control Pattern
Box 7, Folder 19	Box 7, Folder 19, ICE Project Number 497 ICE Folder Name: MICROELECTRONICS ARTICLE, 1970 Content Summary: "IC Business in the USA" and "Internal Aspects"
Box 7, Folder 20	Box 7, Folder 20, ICE Project Number 503 ICE Folder Name: DICKSON ELECTRONICS CORP. P/Q #1149, 1969 Content Summary: Organization for continued growth
Box 8, Folder 1	Box 8, Folder 1, ICE Project Number 509 ICE Folder Name: ENGINEERING, FACILITIES, FAILURE ANALYSIS DECEMBER 1-6, 1969
Box 8, Folder 2	Box 8, Folder 2, ICE Project Number 511 ICE Folder Name: NORTHRUP CORP. (SEMINAR) LETTER #1186
Box 8, Folder 3	Box 8, Folder 3, ICE Project Number 513 ICE Folder Name: MIL (MARKETING STUDIES) P/Q #1187, 1970 Content Summary: MOS market analysis and the 7400 TTL market
Box 8, Folder 4	Box 8, Folder 4, ICE Project Number 515 ICE Folder Name: MICROSYSTEMS INTERNATIONAL P/Q #1156, 1970 Content Summary: MOS and the TLL market study presentation
Box 8, Folder 5	Box 8, Folder 5, ICE Project Number 517 ICE Folder Name: DYAD SYSTEMS, INC., 1969 Content Summary: Summary of individual contacts
Box 8, Folder 6	Box 8, Folder 6, ICE Project Number 519 ICE Folder Name: GRUMMAN, 1970 Content Summary: "An analysis of the Fairchild uA741 operational amplifier" January, 1970 report 7000515e-1
Box 8, Folder 7	Box 8, Folder 7, ICE Project Number 520 Content Summary: Matsushita Electronics Corporation consultation visit, 1969
Box 8, Folder 8	Box 8, Folder 8, ICE Project Number 524

	ICE Folder Name: HITACHI, LTD. P/Q #1112 & 1113, 1969 Content Summary: DECAP DC circuit analysis program
Box 8, Folder 9	Box 8, Folder 9, ICE Project Number 525 ICE Folder Name: MOTOROLA (CHICAGO) P/Q #1193, 1970 Content Summary: Correspondence
Box 8, Folder 10	Box 8, Folder 10, ICE Project Number 526 ICE Folder Name: STATE UNIVERSITY OF NEW YORK NOVEMBER 12, 13, 14, 1969 Content Summary: Seminar
Box 8, Folder 11	Box 8, Folder 11, ICE Project Number 530 ICE Folder Name: RESDEL ENGINEERING CO., 1970 Content Summary: Logic analysis program
Box 8, Folder 12	Box 8, Folder 12, ICE Project Number 531 ICE Folder Name: BURROUGHS-KING OF PRUSSIA DECEMBER 8-12, 1969 Content Summary: Attendance list
Box 8, Folder 13	Box 8, Folder 13, ICE Project Number 532 ICE Folder Name: GENERAL ELECTRIC COMPANY MARCH 30, 1970- UP- DATE
Box 8, Folder 14	Box 8, Folder 14, ICE Project Number 533 ICE Folder Name: EGNIIEERING SEMINAR FEBRUARY 16-19 & 1-DAY ADVANCED
Box 8, Folder 15	Box 8, Folder 15, ICE Project Number 534 Content Summary: Attendance at Dyad Systems seminar
Box 8, Folder 16	Box 8, Folder 16, ICE Project Number 539 Content Summary: General Electric work statement, P/Q #1212, 1970
Box 8, Folder 17	Box 8, Folder 17, ICE Project Number 541 ICE Folder Name: IBM SEMINAR- GAITHERSBURG, MD JANUARY 19-23, 1970 Content Summary: Attendance list
Box 8, Folder 18	Box 8, Folder 18, ICE Project Number 542 ICE Folder Name: ADVANCED TECHNOLOGY, INC. P/Q #1206, 1970 Content Summary: Invoice
Box 8, Folder 19	Box 8, Folder 19, ICE Project Number 543

ICE Folder Name: HONEYWELL, AERO (CONSULTING)

Box 8, Folder 20 Box 8, Folder 20, ICE Project Number 544

ICE Folder Name: IBM SEMINAR- ESSEX JUNCTION, VERMONT
JANUARY 26-30, 1970
Content Summary: Attendance list

Box 9, Folder 1 Box 9, Folder 1, ICE Project Number 545

ICE Folder Name: BORG-WARNER CORP. P/Q #1188, 1969
Content Summary: Purchase order

Box 9, Folder 2 Box 9, Folder 2, ICE Project Number 548a

ICE Folder Name: AIR-TSCP 700-4, 1970
Content Summary: Prediction of reliability

Box 9, Folder 3 Box 9, Folder 3, ICE Project Number 548b
Content Summary: Abstract of ICE report 7000548-1 proposed for Digital
Motor Control

Box 9, Folder 4 Box 9, Folder 4, ICE Project Number 548c

ICE Folder Name: AIRSEARCH MANUFACTURING COMPANY P/Q
#1208
Content Summary: Breadboard digital systems

Box 9, Folder 5 Box 9, Folder 5, ICE Project Number 548d
Content Summary: Prediction of reliability for APU TSCP700-4, 1970

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

Box 9, Folder 7 Box 9, Folder 7, ICE Project Number 549

ICE Folder Name: SEMICONDUCTOR DIV. GLOBE-UNION, INC. P/Q
#1147, 1970
Content Summary: Specifications for selected products, market
opportunities study, and correspondence

Box 9, Folder 8 Box 9, Folder 8, ICE Project Number 550

ICE Folder Name: NAVAL ELECTRONICS LAB SEMINAR JANUARY 14,
1970 (MANAGEMENT)
Content Summary: Attendance list

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

Box 9, Folder 10 Box 9, Folder 10, ICE Project Number 556

ICE Folder Name: 4-WEEK FABRICATION COURSE FEBRUARY 23-MARCH 20, 1970

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

Box 9, Folder 12 Box 9, Folder 12, ICE Project Number 558
ICE Folder Name: MOTOROLA, INC. (MESA) P/Q #1180A
Content Summary: Work statement

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

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

Box 9, Folder 15 Box 9, Folder 15, ICE Project Number 561
ICE Folder Name: OMNITEC CORP. (FEASIBILITY STUDY) P/Q #1228
Content Summary: Status of Omnitec contract

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

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

Box 10, Folder 1 Box 10, Folder 1, ICE Project Number 569a
ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD. MISC. INFO., 1970
Content Summary: Organizational review

Box 10, Folder 2 Box 10, Folder 2, ICE Project Number 569b
ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD. CORRESPONDENCE, 1970
Content Summary: Correspondence

Box 10, Folder 3 Box 10, Folder 3, ICE Project Number 569c
ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD., 1970
Content Summary: Misc. information and G. Madland's notes

Box 10, Folder 4 Box 10, Folder 4, ICE Project Number 570
[Image\(s\)](#)
ICE Folder Name: NAVY ELECT. LAB. CENTER (PARTIT. STUDY) P/Q #1235, 1971

Content Summary: Report on AX & B chip-Floating point signed arithmetic

Box 10, Folder 5 Box 10, Folder 5, ICE Project Number 571

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

Box 10, Folder 6 Box 10, Folder 6, ICE Project Number 572

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

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

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

Box 11, Folder 1 Box 11, Folder 1, ICE Project Number 575

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

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

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

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

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

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

Box 11, Folder 7 Box 11, Folder 7, ICE Project Number 595

ICE Folder Name: HONEYWELL
Content Summary: Proposed ADG program

Box 11, Folder 8 Box 11, Folder 8, ICE Project Number 599

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

Box 11, Folder 9 Box 11, Folder 9, ICE Project Number 600

ICE Folder Name: 4-WEEK FABRICATION COURSE SEPTEMBER 21-
OCTOBER 16, 1970

Box 11, Folder 10 Box 11, Folder 10, ICE Project Number 601
ICE Folder Name: 4-DAY ENGINEERING SEMINAR (1 DAY-MOS OR FA)
OCTOBER 19-24, 1970

Box 11, Folder 11 Box 11, Folder 11, ICE Project Number 603
ICE Folder Name: GLOBE UNION, INC. EL MONTE (CIRCUITS) P/Q #1293,
1971

Box 11 Box 11, Folder 11, ICE Project Number 604
ICE Folder Name: GLOBE UNION, INC. EL MONTE (CIRCUITS) P/Q #1293,
1971

Box 175 Project Number 605
Unidynamics

Box 11, Folder 12 Box 11, Folder 12, ICE Project Number 606
ICE Folder Name: NELC (SEMINAR), 1970

Box 11, Folder 13 Box 11, Folder 13, ICE Project Number 610
ICE Folder Name: BAILEY METER CO. (SEMINAR) P/Q # 1338, 1970

Box 11, Folder 14 Box 11, Folder 14, ICE Project Number 611
ICE Folder Name: VIATRON (CONSULTING) P/Q #1342, 1971

Box 11, Folder 15 Box 11, Folder 15, ICE Project Number 613
ICE Folder Name: LOCKHEED (CONSULTING) P/Q # 1352, 1970

Box 11, Folder 16 Box 11, Folder 16, ICE Project Number 614
ICE Folder Name: (1-DAY OR STATUS OF INDUSTRY) NOVEMBER 16-20,
1970

Box 11, Folder 17 Box 11, Folder 17, ICE Project Number 615
Content Summary: Honeywell purchase order, 1970

Box 11, Folder 18 Box 11, Folder 18, ICE Project Number 616
ICE Folder Name: AMELCO (CIRCUITS) P/Q # 132

Box 11, Folder 19 Box 11, Folder 19, ICE Project Number 617
ICE Folder Name: 2-WEEK SPECIAL SEMINAR- R C A OCOTOBER 19-30,
1970

Box 11, Folder 20 Box 11, Folder 20, ICE Project Number 619

ICE Folder Name: ICE PROJECT FILES
Content Summary: ITT project file, 1970 (bound file)

Box 11, Folder 21 Box 11, Folder 21, ICE Project Number 619
ICE Folder Name: ITT (CONSULTING), 1970

Box 12, Folder 1 Box 12, Folder 1, ICE Project Number 620

ICE Folder Name: DICKSON (MKT. STUDY) P/Q #1345, 1970

Box 12, Folder 2 Box 12, Folder 2, ICE Project Number 626

ICE Folder Name: IBM, LOS GATOS (WAFER PROCESS.) P/Q #1357
Content Summary: Cost authorization

Box 12, Folder 3 Box 12, Folder 3, ICE Project Number 627
ICE Folder Name: LOCKHEED, N.J. (CONSULTING), 1970

Box 12, Folder 4 Box 12, Folder 4, ICE Project Number 628

ICE Folder Name: NELC (APPL. SEMINAR), 1970
Content Summary:

Box 12, Folder 5 Box 12, Folder 5, ICE Project Number 629

ICE Folder Name: UNION CARBIDE
Content Summary: Final report for investigation of spinel insulated substrates

Box 12 Box 12, Folder 5, ICE Project Number 630

ICE Folder Name: UNION CARBIDE
Content Summary: Final report for investigation of spinel insulated substrates

Box 12, Folder 6 Box 12, Folder 6, ICE Project Number 639
ICE Folder Name: HYBRID ICEMAP SEMINAR FOR MOTOROLA-
DECEMBER 15-16, 1970

Box 12, Folder 7 Box 12, Folder 7, ICE Project Number 639D
ICE Folder Name: MOTOROLA, INC. MOS MKT. STUDY, 1970

Box 12, Folder 8 Box 12, Folder 8, ICE Project Number 643C
Content Summary: "Periodic report-Semiconductor & integrated circuit" late
1971-72

Box 12, Folder 9 Box 12, Folder 9, ICE Project Number 644
ICE Folder Name: 3M COMPANY (SEMINAR) P/Q #1348

Box 12, Folder 10 Box 12, Folder 10, ICE Project Number 647
Content Summary: Motorola-Hybrid program license agreement, 1971

Box 12, Folder 11 Box 12, Folder 11, ICE Project Number 651
ICE Folder Name: 4-DAY ENGINEERING JANUARY 18-21 1-DAY LSI JAN.
22, 1971

Box 12, Folder 12 Box 12, Folder 12, ICE Project Number 652
ICE Folder Name: UP-DATE (FINANCE AND TECHNICAL) SEMINAR-
FEBRUARY 25-26, 1971

Box 12, Folder 13 Box 12, Folder 13, ICE Project Number 653

ICE Folder Name: DESIGN & APPLICATION FEBRUARY 7-10 INDUSTRY STATUS FEBRUARY 11, 1972

Box 12, Folder 14 Box 12, Folder 14, ICE Project Number 656
ICE Folder Name: FORD MOTOR CO. (RELIABLITIY STUDY) P/Q #1382, 1971

Box 12, Folder 15 Box 12, Folder 15, ICE Project Number 657
ICE Folder Name: UNIVAC (UPDATING SEM.) P/Q #1369, 1970

Box 12, Folder 16 Box 12, Folder 16, ICE Project Number 660
Content Summary: COM-DEV INC- Contracts, 1971

Box 12, Folder 17 Box 12, Folder 17, ICE Project Number 662
Content Summary: Notes for meeting with Wilf Corrigan, 1972

Box 12, Folder 18 Box 12, Folder 18, ICE Project Number 665

ICE Folder Name: MCGRAW HILL, 1971
Content Summary: Organic developer for A20 135OH

Box 12, Folder 19 Box 12, Folder 19, ICE Project Number 666
ICE Folder Name: MOTOROLA, INC. (SEMINAR) P/Q #1377, 1971

Box 12, Folder 20 Box 12, Folder 20, ICE Project Number 667
ICE Folder Name: 4-DAY DESIGN & APPLICATION JUNE 7-10 1-DAY SEMI. MEMORIES JUNE 11, 1971

Box 12, Folder 21 Box 12, Folder 21, ICE Project Number 668
ICE Folder Name: 4-DAY ENGINEERING SEPTEMBER 20-23 1-DAY STATUS OF INDUSTRY SEPTEMBER 24, 1971

Box 12, Folder 22 Box 12, Folder 22, ICE Project Number 669

ICE Folder Name: ITT SEMICONDUCTOR (YIELD IMPROVE.) P/Q #1378
Content Summary: Correspondence

Box 12, Folder 23 12, Folder 23, ICE Project Number 670S
ICE Folder Name: FAIRCHILD MOS D & A SEMINAR MARCH 30-APRIL 2, 1971

Box 12, Folder 24 Box 12, Folder 24, ICE Project Number 671
ICE Folder Name: 4-DAY ENGINEERING APRIL 19-22 1-DAY MOS DESIGN APRIL 23, 1971

Box 12, Folder 25 Box 12, Folder 25, ICE Project Number 673
ICE Folder Name: HURRICANE CAR WASH (CIRCUITS) P/Q #1412, 1971

Box 12, Folder 26 Box 12, Folder 26, ICE Project Number 675
ICE Folder Name: UNIDYNAMICS (ACQUISITION), 1971

Box 12, Folder 27 Box 12, Folder 27, ICE Project Number 676S

ICE Folder Name: FAIRCHILD- MOS DESIGN AND APPLICATION MARCH
16-20, 1971

Box 12, Folder 28 Box 12, Folder 28, ICE Project Number 678
ICE Folder Name: NELC (FAB. SEMINAR) P/Q #1387, 1971

Box 12, Folder 29 Box 12, Folder 29, ICE Project Number 683
ICE Folder Name: ITT (NEW YORK) (SEMINAR), 1971

Box 12, Folder 30 Box 12, Folder 30, ICE Project Number 687
Content Summary: W.R. Girace & Co., 1971

Box 12, Folder 31 Box 12, Folder 31, ICE Project Number 699
ICE Folder Name: ITT, LAWRENCE, MASS. (4-LAYER DIODES), 1971

Box 12, Folder 32 Box 12, Folder 32, ICE Project Number 700
ICE Folder Name: INSELEK (ANNUAL CONSULTING) P/Q #1441 1971

Box 12, Folder 33 Box 12, Folder 33, ICE Project Number 700

ICE Folder Name: INSELEK P/Q #1441, 1972
Content Summary: Consulting

Box 12, Folder 34 Box 12, Folder 34, ICE Project Number 700
ICE Folder Name: INSELEK P/Q #1441, 1973

Box 13, Folder 1 Box 13, Folder 1, ICE Project Number 701a

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

Box 13, Folder 2 Box 13, Folder 2, ICE Project Number 701b

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

Box 13, Folder 3 Box 13, Folder 3, ICE Project Number 701c

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

Box 13, Folder 4 Box 13, Folder 4, ICE Project Number 701d

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

Box 13, Folder 5 Box 13, Folder 5, ICE Project Number 701e

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

Box 13, Folder 6 Box 13, Folder 6, ICE Project Number 701f

	ICE Folder Name: perkin elmer, 1971 Content Summary: Projection Mask aligner
Box 14, Folder 1	Box 14, Folder 1, ICE Project Number 702 ICE Folder Name: TEXAS INSTRUMENTS (CUSTUM CIRCUITS) P/Q #1461, 1971 Content Summary: IC layout-design & service
Box 14, Folder 1	Box 14, Folder 1, ICE Project Number 703 ICE Folder Name: TEXAS INSTRUMENTS (CUSTUM CIRCUITS) P/Q #1461, 1971 Content Summary: IC layout-design & service
Box 14, Folder 2	Box 14, Folder 2, ICE Project Number 705 ICE Folder Name: COLLINS RADIO (FAILURE ANALYSIS) P/Q #1459
Box 14, Folder 3	Box 14, Folder 3, ICE Project Number 708 ICE Folder Name: BUNKER-RAMO CORP. (VENDOR EVAL.) P/Q #1463, 1971 Content Summary: Logic design and positioning
Box 14, Folder 4	Box 14, Folder 4, ICE Project Number 709 ICE Folder Name: G.E., SYRACUSE (1-DAY STATUS REVIEW) P/Q #1458, 1971 Content Summary: Status of the integrated circuit industry-special review forge.
Box 14, Folder 5	Box 14, Folder 5, ICE Project Number 710 ICE Folder Name: DIETZGEN Content Summary: Electronic slide rule-cross reference 1996.0089.01
Box 14	Box 14, Folder 5, ICE Project Number 711 ICE Folder Name: DIETZGEN Content Summary: Electronic slide rule-cross reference 1996.0089.01
Box 14	Box 14, Folder 5, ICE Project Number 712 ICE Folder Name: DIETZGEN Content Summary: Electronic slide rule-cross reference 1996.0089.01
Box 14, Folder 6	Box 14, Folder 6, ICE Project Number 710 ICE Folder Name: DIETZGEN Content Summary: Electronic slide rule and "Is it digital or analog?"

Box 14 Box 14, Folder 6, ICE Project Number 711

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

Box 14, Folder 6 Box 14, Folder 6, ICE Project Number 712

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

Box 14, Folder 7 Box 14, Folder 7, ICE Project Number 710

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

Box 14 Box 14, Folder 7, ICE Project Number 711

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

Box 14 Box 14, Folder 7, ICE Project Number 712

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

Box 14, Folder 8 Box 14, Folder 8, ICE Project Number 710

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

Box 14 Box 14, Folder 8, ICE Project Number 711

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

Box 14 Box 14, Folder 8, ICE Project Number 712

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

Box 14, Folder 9 Box 14, Folder 9, ICE Project Number 710

 ICE Folder Name: DIETZGEN
 Content Summary: Correspondence concerning design, production, & sale
 of 5 digit electronic slide rule

Box 14 Box 14, Folder 9, ICE Project Number 711

 ICE Folder Name: DIETZGEN

- Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule
- Box 14, Folder 9 Box 14, Folder 9, ICE Project Number 712
- ICE Folder Name: DIETZGEN
Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule
- Box 15, Folder 1 Box 15, Folder 1, ICE Project Number 714
- ICE Folder Name: SIGNETICS (LAYOUT) P/Q #1455, 1971
Content Summary: 7109 chip(s) 54H74's-Signetics ownership ATT Mask & artwork
- Box 15, Folder 2 Box 15, Folder 2, ICE Project Number 715a
- ICE Folder Name: Integrated Technology Corporation
Content Summary: ICE story and a "Diamond growing process"
- Box 15, Folder 3 Box 15, Folder 3, ICE Project Number 715b
- ICE Folder Name: board of directors, 1972
Content Summary: Sale of ITC to Bowmar-merger
- Box 15, Folder 4 Box 15, Folder 4, ICE Project Number 718a
- ICE Folder Name: centralab (FORD MOTOR COMPANY), 1971
Content Summary: Voltage regulators
- Box 15, Folder 5 Box 15, Folder 5, ICE Project Number 718b
- ICE Folder Name: ford motor company, 1971
Content Summary: A comparison of potential failure modes of various IC voltage regulators
- Box 15, Folder 6 Box 15, Folder 6, ICE Project Number 720
- ICE Folder Name: DATAPAK (MEMORY SYSTEM DEVELOP.) P/Q #1481, 1971
Content Summary: Economics of establishing a BI-polar integrated facility
- Box 15, Folder 7 Box 15, Folder 7, ICE Project Number 724
- ICE Folder Name: NURDC TECHNICIAN- INTERMEDIATE PASADENA, CAL. SEPTEMBER 20-22, 1971
Content Summary: Seminar/workshop
- Box 15, Folder 8 Box 15, Folder 8, ICE Project Number 726
- ICE Folder Name: SEACO (FAILURE ANALYSIS) P/Q #1472, 1971

Content Summary: Process for soldering multi layer circuit boards

Box 15, Folder 9 Box 15, Folder 9, ICE Project Number 727

ICE Folder Name: NELC DESIGN & APPLICATIONS SAN DIEGO
SEPTEMBER 13-17, 1971
Content Summary: Seminar/workshop

Box 15, Folder 10 Box 15, Folder 10, ICE Project Number 730

ICE Folder Name: DESIGN APPLICATION NOVEMBER 1-4, 1971 SEMI.
MEMORIES NOVEMBER 5, 1971
Content Summary: Seminar/workshop

Box 16, Folder 1 Box 16, Folder 1, ICE Project Number 732

ICE Folder Name: International telephone and telegraph corporation, 1971
Content Summary: US Semiconductors and overview-potential for West
Palm Beach relocation

Box 16, Folder 2 Box 16, Folder 2, ICE Project Number 732

ICE Folder Name: International telephone and telegraph corporation, 1971
Content Summary: US Semiconductors and overview non-censored

Box 16, Folder 3 Box 16, Folder 3, ICE Project Number 732

ICE Folder Name: International telephone and telegraph corporation, 1971
Content Summary: Transistor analysis -Plan X- AMT reactor loop

Box 16, Folder 4 Box 16, Folder 4, ICE Project Number 732

ICE Folder Name: International telephone and telegraph corporation, 1971
Content Summary: Background and review of the problem-ITT
Semiconductor operation in West Palm Beach, Fl.

Box 16, Folder 5 Box 16, Folder 5, ICE Project Number 734

ICE Folder Name: CENTRALAB (CHIPS) P/Q #1495, 1971
Content Summary: ... Quoting LITTL-I integrated circuit amplifier chips
developed by ICE for use in OPTO-HYBRIDS

Box 16, Folder 6 Box 16, Folder 6, ICE Project Number 737

ICE Folder Name: Cambridge research and development-PARTITIONING
Content Summary: Placing analog shift registers on MOS chip-balance on
custom BI-Polar chip

Box 16, Folder 7 Box 16, Folder 7, ICE Project Number 738

ICE Folder Name: Owens-Illinois, p/q #1517, 1971

Content Summary: Digivue® Display/memory unit (INCLUDES 713 & 716)

Box 16, Folder 8 Box 16, Folder 8, ICE Project Number 738

ICE Folder Name: Owens-illinois, p/q #1517, 1971
Content Summary: Evaluation of alternate packaging methods-TASK II

Box 16, Folder 9 Box 16, Folder 9, ICE Project Number 740

ICE Folder Name: INDUSTRY TECHNOLOGY APRIL 10-13 MANAGEMENT
OF IC FACILITIES APRIL 14, 1972

Box 16, Folder 10 Box 16, Folder 10, ICE Project Number 741

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

Box 16, Folder 11 Box 16, Folder 11, ICE Project Number 743a

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

Box 16, Folder 12 Box 16, Folder 12, ICE Project Number 743b

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

Box 17, Folder 1 Box 17, Folder 1, ICE Project Number 744

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

Box 17, Folder 2 Box 17, Folder 2, ICE Project Number 745

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

Box 17, Folder 3 Box 17, Folder 3, ICE Project Number 746

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

Box 17 Box 17, Folder 3, ICE Project Number 747

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

	Content Summary: Thermal characteristics of beam leaded chips- BI- polar vert. pulser circuit
Box 17, Folder 4	Box 17, Folder 4, ICE Project Number 748 ICE Folder Name: FORD MOTOR CO. (DESIGN ANALYSIS) P/Q #1523, 1971 Content Summary: Electric choke thermostat assembly
Box 17, Folder 5	Box 17, Folder 5, ICE Project Number 749C ICE Folder Name: ITT SEMI. WORLDWIDE (ACQUISITION) P/Q #1521, 1972 Content Summary: A program to enter the MOS market
Box 17, Folder 6	Box 17, Folder 6, ICE Project Number 750C ICE Folder Name: LOCKHEED ELECTRONICS (FAILURE ANALYSIS) P/Q #1524, 1972 Content Summary: Hybrid manufacturing process for negative logic modules
Box 17, Folder 7	Box 17, Folder 7, ICE Project Number 752 ICE Folder Name: owens-illinois technical center, 1973 Content Summary: Final report package reliability study
Box 17, Folder 8	Box 17, Folder 8, ICE Project Number 753C ICE Folder Name: LOCKHEED ELECTRONICS (PROCESS REVIEW), 1972 Content Summary: Negative logic modules
Box 17, Folder 9	Box 17, Folder 9, ICE Project Number 755Ca ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519, 1971 Content Summary: 5 digit numeric display physically interchangeable with H- P's
Box 17, Folder 10	Box 17, Folder 10, ICE Project Number 755Cb ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519, 1972 Content Summary: Electronic calculator model 1681, digital display-comparison and review
Box 17, Folder 11	Box 17, Folder 11, ICE Project Number 755Cc ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519, 1972 Content Summary: A program to enter the LED market

- Box 17, Folder 12 Box 17, Folder 12, ICE Project Number 757
ICE Folder Name: DESIGN & APPLICATION FRO NELC IN: SAN DIEGO
JANUARY 31-FEBRUARY 4
- Box 17, Folder 13 Box 17, Folder 13, ICE Project Number 761

ICE Folder Name: WESTERN DIGITAL (TAPER SI. PROCESSING) P/Q
#1531, 1972
Content Summary: Silicon gate processing technology
- Box 17, Folder 14 Box 17, Folder 14, ICE Project Number 762C

ICE Folder Name: HALLICRAFTERS COMPANY, 1972
Content Summary: Short study of requirements and problems of various
system assembly approaches
- Box 17, Folder 15 Box 17, Folder 15, ICE Project Number 763

ICE Folder Name: MEMOREX CORPORATION, 1972
Content Summary: Plastic vs. ceramic packages
- Box 17, Folder 16 Box 17, Folder 16, ICE Project Number 764

ICE Folder Name: PLEXUS, INC., 1973
Content Summary: Sale of basic storage module program
- Box 18, Folder 1 Box 18, Folder 1, ICE Project Number 766

ICE Folder Name: G.S. GRUMMAN & ASSOCIATES, INC.
Content Summary: Presentation For G.S. Grumman & Associates, Inc.;
March 21, 1972 "Forecasts For the Integrated circuit Business"
- Box 18, Folder 2 Box 18, Folder 2, ICE Project Number 768

ICE Folder Name: SpeedCall corporation, 1970
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, Folder 3 Box 18, Folder 3, ICE Project Number 771

ICE Folder Name: Chestel, inc. 1972
Content Summary: MOS partitioning (March 14, 1972 PNPs for
breadboarding)
- Box 18, Folder 4 Box 18, Folder 4, ICE Project Number 772

ICE Folder Name: Fairchild (annual market consult.) P/q#1541, 1972
Content Summary: The semiconductor memory market
- Box 18, Folder 5 Box 18, Folder 5, ICE Project Number 773

ICE Folder Name: owens-illois task ix, 1972
Content Summary: Layout of horizontal driver

Box 18, Folder 6 Box 18, Folder 6, ICE Project Number 778

ICE Folder Name: ITT
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, Folder 7 Box 18, Folder 7, ICE Project Number 781

ICE Folder Name: TAft-peirce manufacturing company, 1972
Content Summary: A Survey on the Separation of Semiconductor Wafers, May 1972

Box 18, Folder 8 Box 18, Folder 8, ICE Project Number 782

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

Box 18, Folder 9 Box 18, Folder 9, ICE Project Number 784

ICE Folder Name: Philip, appel, and walden
Content Summary: "Technological Evaluation of Spectronics present in optical electronics field", April 18, 1972

Box 18, Folder 10 Box 18, Folder 10, ICE Project Number 791

ICE Folder Name: us navy-undersea R&D center technician Seminar
Content Summary: Sept. 28, 1972 include.: Certificates from ICE

Box 18, Folder 11 Box 18, Folder 11, ICE Project Number 792

ICE Folder Name: Chestle
Content Summary: "AC v DC flip-flops", include.: expenses, overrides, prints, correspondence, opinions

Box 18, Folder 12 Box 18, Folder 12, ICE Project Number 793

ICE Folder Name: delco electronics/grm trip folder 5/1/72
Content Summary: "A Study of N-Channel MOS As Applied To An Airborne Computer" May 1972

Box 18, Folder 13 Box 18, Folder 13, ICE Project Number 794

ICE Folder Name: tempess industries, inc.
Content Summary: "The Market For Semiconductor Mask Aligning Equipment", May 1972

Box 18, Folder 14 Box 18, Folder 14, ICE Project Number 795

ICE Folder Name: itt/creed & Co.; stl, ltd., 1972
Content Summary: Preliminary design for the receiver/ reader and punch chip-Also includes: correspondence- Standard Telecommunication Laboratories, Ltd.

Box 18, Folder 15 Box 18, Folder 15, ICE Project Number 796

ICE Folder Name: speedcall proj.796
Content Summary: Bread boarding one row, one column of a touch tone receiver utilizing "mixer scheme", 1972

Box 18, Folder 16 Box 18, Folder 16, ICE Project Number 799

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

Box 18, Folder 17 Box 18, Folder 17, ICE Project Number 802

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

Box 18 Box 18, Folder 17, ICE Project Number 803

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

Box 18 Box 18, Folder 17, ICE Project Number 804

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

Box 18 Box 18, Folder 17, ICE Project Number 805

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

Box 18, Folder 18 Box 18, Folder 18, ICE Project Number 807

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

Box 18, Folder 19 Box 18, Folder 19, ICE Project Number 808

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

Box 19, Folder 1 Box 19, Folder 1, ICE Project Number 813

- ICE Folder Name: primary medical communications
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, Folder 2 Box 19, Folder 2, ICE Project Number 814
- ICE Folder Name: motorola, spd (tech. review) p/q#1560
Content Summary: "Review of Silicon Gate Processing Technology", Feb. 1972
- Box 19, Folder 3 Box 19, Folder 3, ICE Project Number 815
- ICE Folder Name: honeywell, 1972
Content Summary: Presentation material CMOS, LSI, radar- various presentations
- Box 19, Folder 4 Box 19, Folder 4, ICE Project Number 816
- ICE Folder Name: automatic electric laboratories, 1972
Content Summary: Future trends for large semiconductor memory arrays
- Box 19, Folder 5 Box 19, Folder 5, ICE Project Number 823
- ICE Folder Name: rf transistor
Content Summary: John Azlant- Qualidyne file letter and RF Power, Inc.-"RF Power, Inc. Investment proposal", August 1972
- Box 19, Folder 6 Box 19, Folder 6, ICE Project Number 824
- ICE Folder Name: i.s.t.
Content Summary: Specifications 131 Kilobyte Expandable Basic Storage Module With Error Correction, 28 August 1972
- Box 19, Folder 7 Box 19, Folder 7, ICE Project Number 826
- ICE Folder Name: western digital corporation
Content Summary: A review of Silicon Gate processing Technology, Feb 1972
- Box 19, Folder 8 Box 19, Folder 8, ICE Project Number 830
- ICE Folder Name: hif (phoenix) (mos Supplier survey) p/q#1565, 1972
Content Summary: Prepared for Honeywell: MOS and BI-Polar
- Box 1, Folder 9 Box 19, Folder 9, ICE Project Number 844
- ICE Folder Name: honeywell
Content Summary: Audit of the IMUEE program and a review of Hybrid IC Facility, October 13, 1972
- Box 1, Folder 10 Box 19, Folder 10, ICE Project Number 847

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

Box 1, Folder 11 Box 19, Folder 11, ICE Project Number 8xx

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

Box 19, Folder 12 Box 19, Folder 12, ICE Project Number 851C

ICE Folder Name: dickson EElectronics
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, Folder 13 Box 19, Folder 13, ICE Project Number 853

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

Box 19, Folder 14 Box 19, Folder 14, ICE Project Number 858

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

Box 19, Folder 15 Box 19, Folder 15, ICE Project Number 859
ICE Folder Name: reliance electric (annual consulting) p/q#1589 Custom LSI prog. review, 1973

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

Box 20, Folder 1 Box 20, Folder 1, ICE Project Number 862

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

Box 20, Folder 2 Box 20, Folder 2, ICE Project Number 863a

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

Box 20, Folder 3 Box 20, Folder 3, ICE Project Number 863b

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

- Box 20, Folder 4 Box 20, Folder 4, ICE Project Number 864
- ICE Folder Name: honeywell aerospace and defense group (agena Rocket) (Guidance system), 1973
Content Summary: Failure of 930 DTL integrated circuits manufacturing by Raytheon date code:6496
- Box 20, Folder 5 Box 20, Folder 5, ICE Project Number 865
- ICE Folder Name: antex
Content Summary: Investigation of processing MD-1001-B MASKS
- Box 20, Folder 6 Box 20, Folder 6, ICE Project Number 866
- ICE Folder Name: itt creed, 1973
Content Summary: A23 teleprinter-MOS circuits- catastrophic metal spacing in rubylith
- Box 20, Folder 7 Box 20, Folder 7, ICE Project Number 867
ICE Folder Name: ICE Evaluation of general semiconductor industries, 1973
- Box 20, Folder 8 Box 20, Folder 8, ICE Project Number 868a
- ICE Folder Name: mos technologies display driver circuits, 1973
Content Summary: Sharp Calculator, EL-805
- Box 20, Folder 9 Box 20, Folder 9, ICE Project Number 868b
ICE Folder Name: ice world wide market for pocket calculators/desk top calculators, 1973
- Box 20, Folder 10 Box 20, Folder 10, ICE Project Number 868c
ICE Folder Name: ice world wide market for pocket calculators/desk top calculators, 1973
- Box 20, Folder 11 Box 20, Folder 11, ICE Project Number 870
ICE Folder Name: proposal to motorola to establish a new mos processing facility, 1973
- Box 20, Folder 12 Box 20, Folder 12, ICE Project Number 872
ICE Folder Name: bowmar panaplex, 1973
- Box 20, Folder 13 Box 20, Folder 13, ICE Project Number 873
- ICE Folder Name: nrmec/870
Content Summary: Discussions on the ELECTRONIC SLIDE RULE
- Box 20, Folder 14 Box 20, Folder 14, ICE Project Number 878
- ICE Folder Name: bowman seminar, 1973
Content Summary: attendees
- Box 20, Folder 15 Box 20, Folder 15, ICE Project Number 880

ICE Folder Name: integrated circuit packaging, technology market assesment, 1973

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

Box 21, Folder 1 Box 21, Folder 1, ICE Project Number 882a

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

Box 21, Folder 2 Box 21, Folder 2, ICE Project Number 882b

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

Box 21, Folder 3 Box 21, Folder 3, ICE Project Number 882c

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

Box 21, Folder 4 Box 21, Folder 4, ICE Project Number 882d

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

Box 21, Folder 5 Box 21, Folder 5, ICE Project Number 882e

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

Box 21, Folder 6 Box 21, Folder 6, ICE Project Number 883

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

Box 21, Folder 7 Box 21, Folder 7, ICE Project Number 886

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

Box 21, Folder 8 Box 21, Folder 8, ICE Project Number 888a

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

Box 21, Folder 9 Box 21, Folder 9, ICE Project Number 888b

ICE Folder Name: fleet missile systems, 1973

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

Box 21, Folder 10 Box 21, Folder 10, ICE Project Number 890

ICE Folder Name: bowmar, 1973
Content Summary: Direct drive chip utilizing a on- chip PNP transistor - MOS development

Box 21, Folder 11 Box 21, Folder 11, ICE Project Number 894D

ICE Folder Name: bowmar, 1973
Content Summary: IFD segment driver

Box 21, Folder 12 Box 21, Folder 12, ICE Project Number 895D

ICE Folder Name: bowmar, 1973
Content Summary: IFD 5020 segment driver

Box 21, Folder 13 Box 21, Folder 13, ICE Project Number 898

ICE Folder Name: Ic technology, 1973
Content Summary: Attendees

Box 21, Folder 14 Box 21, Folder 14, ICE Project Number 899C

ICE Folder Name: Mos evaluation, 1973
Content Summary:

Box 21, Folder 15 Box 21, Folder 15, ICE Project Number 902

ICE Folder Name: bowmar seminar, 1973
Content Summary: TECHNOVATION's invention patent #3,728,694 - memory

Box 21, Folder 16 Box 21, Folder 16, ICE Project Number 903

ICE Folder Name: trw, 1973
Content Summary: Rubylith for 7493, 74123, 74180, 74152, 7489, etc.

Box 21, Folder 17 Box 21, Folder 17, ICE Project Number 904

ICE Folder Name: xerox consulting p/q#1632
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, Folder 1 Box 22, Folder 1, ICE Project Number 906a

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

Box 22, Folder 2 Box 22, Folder 2, ICE Project Number 906b

	ICE Folder Name: prospectus & Reports, 1973 Content Summary: Correspondence
Box 22, Folder 3	Box 22, Folder 3, ICE Project Number 907a ICE Folder Name: status 74, 1974 Content Summary: Status 1973 Report
Box 22, Folder 4	Box 22, Folder 4, ICE Project Number 907b ICE Folder Name: status 74, 1973 Content Summary: The integrated circuit business picture
Box 22, Folder 5	Box 22, Folder 5, ICE Project Number 907c ICE Folder Name: status 74, 1974 Content Summary: Status of integrated circuits 1970
Box 22, Folder 5	Box 22, Folder 5, ICE Project Number 907c ICE Folder Name: status 74, 1974 Content Summary: Status of integrated circuits 1970
Box 22, Folder 6	Box 22, Folder 6, ICE Project Number 907d ICE Folder Name: status 74, 1974 Content Summary: Status of integrated circuits midyear 1971
Box 22, Folder 7	Box 22, Folder 7, ICE Project Number 907e ICE Folder Name: status 74, 1974 Content Summary: Good outlook for the 1974 year for circuit industry
Box 22, Folder 8	Box 22, Folder 8, ICE Project Number 908 ICE Folder Name: Collins Radio- Annual consulting p/q #1628, 1974 Content Summary: CMOS SOS-1024 bit RAM
Box 22, Folder 9	Box 22, Folder 9, ICE Project Number 909 ICE Folder Name: ITT/Nutley-MOS SEminar, 1973 Content Summary: Custom MOS design program
Box 22	Box 22, Folder 9, ICE Project Number 910 ICE Folder Name: ITT/Nutley-MOS SEminar, 1973 Content Summary: Custom MOS design program
Box 22, Folder 10	Box 22, Folder 10, ICE Project Number 911 ICE Folder Name: Magnavox-custom Isi torrance, Ca pq #1658, 1973

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

Box 22, Folder 11 Box 22, Folder 11, ICE Project Number 914

ICE Folder Name: stanford memories p/q #1650, 1973
Content Summary: Outline for 1 week class seminar for RAM

Box 22 Box 22, Folder 11, ICE Project Number 921

ICE Folder Name: stanford memories p/q #1650, 1973
Content Summary: Outline for 1 week class seminar for RAM

Box 22 Box 22, Folder 12, ICE Project Number 915

ICE Folder Name: trw p/q #1646, 1973
Content Summary: Status report on the layout of the two series circuits for TRW

Box 22, Folder 12 Box 22, Folder 12, ICE Project Number 916

ICE Folder Name: trw p/q #1646, 1973
Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 Box 22, Folder 12, ICE Project Number 917

ICE Folder Name: trw p/q #1646, 1973
Content Summary: Status report on the layout of the two series circuits for TRW

Box 22, Folder 12 Box 22, Folder 12, ICE Project Number 924

ICE Folder Name: trw p/q #1646, 1973
Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 Box 22, Folder 12, ICE Project Number 930

ICE Folder Name: trw p/q #1646, 1973
Content Summary: Status report on the layout of the two series circuits for TRW

Box 22 Box 22, Folder 12, ICE Project Number 931

ICE Folder Name: trw p/q #1646, 1973
Content Summary: Status report on the layout of the two series circuits for TRW

Box 22, Folder 13 Box 22, Folder 13, ICE Project Number 928

ICE Folder Name: xerox, 1973

Content Summary: Emphasis- LSI microelectronics

Box 22 Box 22, Folder 14, ICE Project Number 929

ICE Folder Name: Naval Electronics Laboratory center, 1973
Content Summary: Technical briefing on the commercial telecommunications industry

Box 23, Folder 1 Box 23, Folder 1, ICE Project Number 936

ICE Folder Name: HALlicrafters Co., 1974
Content Summary: Collins LSI-Process & MASK changes

Box 23, Folder 2 Box 23, Folder 2, ICE Project Number 939

ICE Folder Name: itt, 1973
Content Summary: Consulting on the 1103- 1024- Bit RAM

Box 23, Folder 3 Box 23, Folder 3, ICE Project Number 941

ICE Folder Name: itt/teves
Content Summary: Anti skid MOS

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

ICE Folder Name: rauscher pierce (Mr. paul hogan), 1979
Content Summary: Release of all corporate notes, work papers, of ICE's investigation of Electronic Arrays, Inc.

Box 23, Folder 5 Box 23, Folder 5, ICE Project Number 943b

ICE Folder Name: rauscher-pierce, 1974
Content Summary: A report on electronic arrays, History of Calculator "Micro-Compet"

Box 23, Folder 6 Box 23, Folder 6, ICE Project Number 947

ICE Folder Name: Bowmar, 1974
Content Summary: Thin film Tungsten Matrix display, video display using Sinclair tester and Bowmar tube, electronic lock

Box 23, Folder 7 Box 23, Folder 7, ICE Project Number 949

ICE Folder Name: report on task xii, 1973
Content Summary: National Semiconductor with Owens- Texas Instruments high voltage driver circuits

Box 23, Folder 8 Box 23, Folder 8, ICE Project Number 950

ICE Folder Name: itt semiconductors
Content Summary: 1103 investigation correspondence

Box 23, Folder 9	Box 23, Folder 9, ICE Project Number 951 ICE Folder Name: tech seminar iii- troubleshooting Content Summary: Solid state circuits, class schedule & attendance list
Box 23, Folder 10	Box 23, Folder 10, ICE Project Number 952 ICE Folder Name: itt ny skid control p/q #1662, 1973 Content Summary: Proposal for anti-skid II CMOS
Box 23, Folder 11	Box 23, Folder 11, ICE Project Number 955a ICE Folder Name: control data, 1973 Content Summary: Review of a joint manufacturing project
Box 23, Folder 12	Box 23, Folder 12, ICE Project Number 955b ICE Folder Name: control data, 1973 Content Summary: Joint semiconductor manufacturing project
Box 23, Folder 13	Box 23, Folder 13, ICE Project Number 955c ICE Folder Name: control data, 1973 Content Summary: Correspondence
Box 23, Folder 14	Box 23, Folder 14, ICE Project Number 955d ICE Folder Name: control data p/q #1653, 1973 Content Summary: Critique on business plan, multinational semiconductor company
Box 23, Folder 15	Box 23, Folder 15, ICE Project Number 957 ICE Folder Name: ITT, NY-CAse 10,115 P/q #1673. 1973 Content Summary: Consulting-automotive task force VIII
Box 23, Folder 16	Box 23, Folder 16, ICE Project Number 958 ICE Folder Name: purchasing seminar-scm p/q #1676, 1973 Content Summary: Purchasing of LSI memory circuits
Box 23, Folder 17	Box 23, Folder 17, ICE Project Number 959 ICE Folder Name: lyon & lyon reverse engineering of intel 2816, 1981
Box 23, Folder 18	Box 23, Folder 18, ICE Project Number 960 ICE Folder Name: basic technology seminar, 1973
Box 23, Folder 19	Box 23, Folder 19, ICE Project Number 961 ICE Folder Name: itt-new york p/q #1674, 1974 Content Summary: MOS production line bids- including MASKS

Box 23, Folder 20	Box 23, Folder 20, ICE Project Number 963 ICE Folder Name: amkor, 1974 Content Summary: Business plan for a silicon wafer processing joint venture to manufacture & market integrated circuits
Box 24, Folder 1	Box 24, Folder 1, ICE Project Number 964 ICE Folder Name: dow corning corp.-i/c packaging p/q #1677, 1975 Content Summary: Financial records re: ICE
Box 24, Folder 2	Box 24, Folder 2, ICE Project Number 965 ICE Folder Name: itt footscray, 1974 Content Summary: Aluminum etch process for monolithic silicon IC's
Box 24, Folder 3	Box 24, Folder 3, ICE Project Number 966 Content Summary: Technology textbook published by ICE, 1975
Box 24, Folder 4	Box 24, Folder 4, ICE Project Number 967 ICE Folder Name: ic technology-singer, Ny p/q #1681, 1974 Content Summary: IC task force preliminary conclusions
Box 24, Folder 5	Box 24, Folder 5, ICE Project Number 968 Content Summary: Agreement for annual consultant services between Microsemiconductors Inc. and ICE, 1974
Box 24, Folder 6	Box 24, Folder 6, ICE Project Number 970 Content Summary: Radio frequency susceptibility investigation study- Naval Electronics Laboratory Center D.I.D.
Box 24, Folder 7	Box 24, Folder 7, ICE Project Number 971 ICE Folder Name: north electric Company p/q #1670, 1974 Content Summary: Purchase order and correspondence
Box 24, Folder 8	Box 24, Folder 8, ICE Project Number 972 ICE Folder Name: eastman kodak company-spec. seminar p/q #1668A, 1974 Content Summary: Preliminary impressions of semiconductor
Box 24, Folder 9	Box 24, Folder 9, ICE Project Number 974 ICE Folder Name: trw, 1974 Content Summary: Voltage test information for wafers Z-74180 & Z-74151
Box 24, Folder 10	Box 24, Folder 10, ICE Project Number 975a ICE Folder Name: navy-fusible link rom's, 1974

Content Summary: Reliability of fusible link programmable read - only memory

Box 24, Folder 11 Box 24, Folder 11, ICE Project Number 975b
ICE Folder Name: fleet missile systems fusible link proms p/q #1690, 1974

Box 24, Folder 12 Box 24, Folder 12, ICE Project Number 975c
ICE Folder Name: navy-fusible link prom's p/q #1690
Content Summary: Invoices from Arrowhead press for printing guide manual III

Box 24, Folder 13 Box 24, Folder 13, ICE Project Number 976a
ICE Folder Name: NEC, 1974
Content Summary: Control & detection network - circuit prints (originals)

Box 24, Folder 14 Box 24, Folder 14, ICE Project Number 976b
ICE Folder Name: nec, 1974
Content Summary: Cross point transistors - junction field effect J-FETS

Box 24, 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
Content Summary: Five year plan for microelectronics 1969-1973

Box 25, Folder 1 Box 25, Folder 1, ICE Project Number 977b
ICE Folder Name: new business plan, 1974
Content Summary: MOS plan-manufacturing

Box 25, Folder 2 Box 25, Folder 2, ICE Project Number 977c
ICE Folder Name: louay sharif cmos aquition, 1974
Content Summary: Correspondence

Box 25, Folder 3 Box 25, Folder 3, ICE Project Number 978
ICE Folder Name: open bt seminar, 1974
Content Summary: Engineering technology-seminar attendees

Box 25, Folder 4 Box 25, Folder 4, ICE Project Number 979a
ICE Folder Name: 1103 update, 1973
Content Summary: Report 7356 818-1 #216872 Product Analysis - MOS fully loaded random access 1024 bit dynamic memory circuits from (ICE) manufacturers

Box 25, Folder 5 Box 25, Folder 5, ICE Project Number 979b

	ICE Folder Name: 1103 update, 1972 Content Summary: A survey of MOS supplies-special report for Honeywell Information Systems, Inc.
Box 25, Folder 6	Box 25, Folder 6, ICE Project Number 979c ICE Folder Name: 1103 update, 1968 Content Summary: A report for ICE in thick oxide MOS processing
Box 25, Folder 7	Box 25, Folder 7, ICE Project Number 979d ICE Folder Name: 1103 update, 1972 Content Summary: Technical articles
Box 25, Folder 8	Box 25, Folder 8, ICE Project Number 979e ICE Folder Name: 1103 update & 1103-1 proposal, 1974 Content Summary: Process notes and submaster MASK with possible troubleshooting
Box 25, Folder 9	Box 25, Folder 9, ICE Project Number 979f ICE Folder Name: 1103 update, 1972 Content Summary: Surface State charge enhancement and control in P-Channel MOS devices
Box 25, Folder 10	Box 25, Folder 10, ICE Project Number 979g ICE Folder Name: 1103 update, 1974 Content Summary: Offer of product analysis on the 1103, optimized silicon gate process for borroughs
Box 25, Folder 11	Box 25, Folder 11, ICE Project Number 980a ICE Folder Name: stewart warner ttl processing notes p/q# 1700, 1969
Box 25, Folder 12	Box 25, Folder 12, ICE Project Number 980b ICE Folder Name: stewart-warner, 1974 Content Summary: Correspondence - High yield- low voltage c/MOS process
Box 25, Folder 13	Box 25, Folder 13, ICE Project Number 981 ICE Folder Name: Bowmar, 1974 Content Summary: Correspondence
Box 25, Folder 14	Box 25, Folder 14, ICE Project Number 982 ICE Folder Name: Eastman kodak, 1974 Content Summary: LSI Custom Design Program Contract (Vendor Order #991)

- Box 25, Folder 15 Box 25, Folder 15, ICE Project Number 983a
- ICE Folder Name: kanematsu Semiconductor, 1974
Content Summary: Intel Dual 100 BIT Dynamic shift register & photograph layers, 1103 Intel
- Box 26, Folder 1 Box 26, Folder 1, ICE Project Number 983
- ICE Folder Name: kanematsu, 1974
Content Summary: 1103-1024 BIT PMOS RAM correspondence, Intel research
- Box 26, Folder 2 Box 26, Folder 2, ICE Project Number 984
- ICE Folder Name: electro corp, 1974
Content Summary: Transducer Circuit Analysis,
- Box 26, Folder 3 Box 26, Folder 3, ICE Project Number 985a
- ICE Folder Name: king radio corporation, 1974
Content Summary: A custom MOS design
- Box 26, Folder 4 Box 26, Folder 4, ICE Project Number 985b
- ICE Folder Name: king radio corporation, 1974
Content Summary: Custom MOS design - American Microsystems
- Box 26, Folder 5 Box 26, Folder 5, ICE Project Number 986
- ICE Folder Name: Philco ford, P/q# 1711, 1974
Content Summary: Consulting on CMOS failure mode
- Box 26, Folder 6 Box 26, Folder 6, ICE Project Number 987a
- Content Summary: A development of LSI PMOS silicon gate circuits for the ADM - for Magnavox, 1974
- Box 26, Folder 7 Box 26, Folder 7, ICE Project Number 987b
- ICE Folder Name: Agreement for consulting services - Magnavox, 1974
- Box 26, Folder 8 Box 26, Folder 8, ICE Project Number 987c
- Content Summary: Magnavox - 8 drawings of chip layout & work contracts
- Box 26, Folder 9 Box 26, Folder 9, ICE Project Number 988
- ICE Folder Name: quantrad, 1974
Content Summary: ICE consulting services agreement
- Box 27, Folder 1 Box 27, Folder 1, ICE Project Number 989a
- ICE Folder Name: MArtin-marietta, 1974
Content Summary: Agreement for consulting services

- Box 27, Folder 2 Box 27, Folder 2, ICE Project Number 989b
ICE Folder Name: Martin-marietta, 1974
Content Summary: Contamination Control In Hybrid Microelectronic Modules
- Box 27 Box 27, Folder 3, ICE Project Number 989c
ICE Folder Name: martin-marietta, 1972
Content Summary: Microelectronics Product Assurance Program
- Box 27, Folder 4 Box 27, Folder 4, ICE Project Number 989d
ICE Folder Name: martin-marietta, 1974
Content Summary: Evaluation of Martin-Marietta's Microelectronics Activities
- Box 27, Folder 5 Box 27, Folder 5, ICE Project Number 989e
ICE Folder Name: martin-marietta, 1974
Content Summary: Detailed listing of Companies offering services in the microelectronics field
- Box 27, Folder 6 Box 27, Folder 6, ICE Project Number 989f
ICE Folder Name: martin-marietta, 1974
Content Summary: Contract for custom linear integrated circuit - to be called: LSI Guidance Processor
- Box 27, Folder 7 Box 27, Folder 7, ICE Project Number 989g
ICE Folder Name: martin-marietta, 1974
Content Summary: Schematic: Decoder - Flight Sequencer
- Box 27, Folder 8 Box 27, Folder 8, ICE Project Number 989h
ICE Folder Name: martin-marietta, 1960's
Content Summary: Time-line - 1600 to 1960 and IFD Frequency devices - and a hand sketch design butcher paper
- Box 27, Folder 9 Box 27, Folder 9, ICE Project Number 989i
ICE Folder Name: martin-marietta, 1974
Content Summary: The file on Microelectronics Activities - in depth
- Box 27, Folder 10 Box 27, Folder 10, ICE Project Number 989* attachment
ICE Folder Name: us navy - fleet missile systems analysis & evaluation grp, 1974
Content Summary: Task I, II, III nomenclature for the industry - "GIDEP" (*Note: No Project file # found)

- Box 27, Folder 11 Box 27, Folder 11, ICE Project Number 990a
Content Summary: Suggested coding procedures for the semiconductor category of the GIDEP coding index - special report, 1975
- Box 27, Folder 12 Box 27, Folder 12, ICE Project Number 990b
Content Summary: GIDEP Descriptor list review & semiconductor coding approach for Dynalectron Corp., 1975
- Box 27, Folder 13 Box 27, Folder 13, ICE Project Number 990c
Content Summary: GIDEP Descriptor list review & semiconductor coding approach for Dynalectron Corp., 1975
- Box 27, Folder 14 Box 27, Folder 14, ICE Project Number 990d
Content Summary: Guide descriptor list review & semiconductor coding approach for Dynalectron Corp., 1975
- Box 28, Folder 1 Box 28, Folder 1, ICE Project Number 990e
Content Summary: Guide descriptor list review & semiconductor coding approach for Dynalectron Corp., 1975
- Box 28, Folder 2 Box 28, Folder 2, ICE Project Number 991a

ICE Folder Name: eastman kodak, 1974
Content Summary: Specifications for motor speed control circuit, (MSC-1)
- Box 28, Folder 3 Box 28, Folder 3, ICE Project Number 991b
ICE Folder Name: eastman kodak - Custom lsi design p/q#1692a, 1974
- Box 28, Folder 4 Box 28, Folder 4, ICE Project Number 991c

ICE Folder Name: eastman kodak p/q#1692a, 1974
Content Summary: Custom LSI design program - Revised
- Box 28, Folder 5 Box 28, Folder 5, ICE Project Number 991d

ICE Folder Name: eastman kodak p/q#1692, 1974
Content Summary: Custom linear design seminar
- Box 28, Folder 6 Box 28, Folder 6, ICE Project Number 992

ICE Folder Name: martin-marietta Washington, DC, 1974
Content Summary: Evaluation of Martin-Marietta microelectronics activities
- Box 28, Folder 7 Box 28, Folder 7, ICE Project Number 993
Content Summary: Agreement for consulting services with ITT, 1974
- Box 28, Folder 8 Box 28, Folder 8, ICE Project Number 994

ICE Folder Name: eastman kodak - phase 3, 1974
Content Summary: Directives & updates on the Eastman Kodak account
- Box 28, Folder 9 Box 28, Folder 9, ICE Project Number 995a

ICE Folder Name: Digital equipment corporation- failure analysis, p/q#1713, 1974

Box 28, Folder 10 Box 28, Folder 10, ICE Project Number 995b
ICE Folder Name: P/Q#1713
Content Summary: Failure analysis,, 1974

Box 28, Folder 11 Box 28, Folder 11, ICE Project Number 995c
ICE Folder Name: P/Q#1713
Content Summary: Failure analysis,, 1974

Box 28, Folder 12 Box 28, Folder 12, ICE Project Number 995d
ICE Folder Name: P/Q#1713
Content Summary: Failure analysis,, 1974 Appears to be copies

Box 28, Folder 13 Box 28, Folder 13, ICE Project Number 995e
ICE Folder Name: fairchild fc400m data log decoding, 6380a, 1974
Content Summary: 4 BIT Bi-directional shift register

Box 29, Folder 1 Box 29, Folder 1, ICE Project Number 995f
ICE Folder Name: 6380A, 1964 to 1974
Content Summary: Chip layout & process Counters, flip-flops & decoders analysis

Box 29, Folder 2 Box 29, Folder 2, ICE Project Number 995g
ICE Folder Name: airpax - chip layout & process, 6380A, p/q#1516, 1974
Content Summary: Can burn-in cause problems as well as solve them? Includes 1974

Box 29, Folder 3 Box 29, Folder 3, ICE Project Number 995h
ICE Folder Name: Failure analysis data sheets, 1973
Content Summary: XREF *989, TYPE 7439, sample 209, Date code: 7348

Box 29, Folder 4 Box 29, Folder 4, ICE Project Number 995i
ICE Folder Name: failure analysis data sheets signetics, 1973
Content Summary: Type N7474 Sample 159, Date Code:7341

Box 29 Box 29, Folder 5, ICE Project Number 995j
ICE Folder Name: failure analysis data sheets signetics, 1973
Content Summary: Type 6380A, Sample 211, Date Code:7326

Box 29, Folder 6 Box 29, Folder 6, ICE Project Number 995k

	ICE Folder Name: failure analysis data sheets signetics, 1973 Content Summary: Type 6380A, Sample 210, Date Code:7326
Box 29, Folder 7	Box 29, Folder 7, ICE Project Number 995l ICE Folder Name: failure analysis data sheets signetics, 1973 Content Summary: Type 8266, Sample 188, Date Code:7344
Box 29, Folder 8	Box 29, Folder 8, ICE Project Number 995m ICE Folder Name: failure analysis data sheets signetics, 1973 Content Summary: Type 8266, Sample 215, Date Code:7344
Box 29, Folder 9	Box 29, Folder 9, ICE Project Number 995n ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973 Content Summary: Type DEC5380, Sample 88, Date Code:7330
Box 29, Folder 10	Box 29, Folder 10, ICE Project Number 995o ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973 Content Summary: Type SN740IN, Sample 248, Date Code:7323
Box 29, Folder 11	Box 29, Folder 11, ICE Project Number 995p ICE Folder Name: Failure Analysis Data Sheets signetics, 1973 Content Summary: Type 6380-(7341), Sample 212, Date Code:7326
Box 29, Folder 12	Box 29, Folder 12, ICE Project Number 995q ICE Folder Name: Failure Analysis Data Sheets signetics, 1973 Content Summary: Type 5380A, Sample 153, Date Code:7328
Box 29, Folder 13	Box 29, Folder 13, ICE Project Number 995r ICE Folder Name: Failure Analysis Data Sheets signetics, 1973 Content Summary: Type 6380A, Sample 227, Date Code:7342
Box 29, Folder 14	Box 29, Folder 14, ICE Project Number 995s ICE Folder Name: Failure Analysis Data Sheets Motorola, 1972 Content Summary: Type 8266, Sample 162, Date Code:7204
Box 29, Folder 15	Box 29, Folder 15, ICE Project Number 995t ICE Folder Name: Failure Analysis Data Sheets signetics, 1973 Content Summary: Type 8266, Sample 242, Date Code:7332
Box 29, Folder 16	Box 29, Folder 16, ICE Project Number 995u ICE Folder Name: Failure Analysis Data Sheets signetics, 1972

Content Summary: Type N7474A, Sample 18, Date Code:7223

Box 29, Folder 17 Box 29, Folder 17, ICE Project Number 995v

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

Box 29, Folder 18 Box 29, Folder 18, ICE Project Number 995w

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

Box 29, Folder 19 Box 29, Folder 19, ICE Project Number 995x

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

Box 29, Folder 20 Box 29, Folder 20, ICE Project Number 995y

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

Box 29, Folder 21 Box 29, Folder 21, ICE Project Number 995z

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

Box 29, Folder 22 Box 29, Folder 22, ICE Project Number 995aa

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

Box 29, Folder 23 Box 29, Folder 23, ICE Project Number 995bb

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

Box 29, Folder 24 Box 29, Folder 24, ICE Project Number 995cc

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

Box 29, Folder 25 Box 29, Folder 25, ICE Project Number 995dd

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

Box 29, Folder 26 Box 29, Folder 26, ICE Project Number 995ee

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

Box 29, Folder 27	Box 29, Folder 27, ICE Project Number 995ff ICE Folder Name: Failure Analysis Data Sheets, 1973 Content Summary: Type 8881 (7439), Sample 122, Date Code:7351
Box 29, Folder 28	Box 29, Folder 28, ICE Project Number 995gg ICE Folder Name: Failure Analysis Data Sheets signetics, 1972 Content Summary: Type 8266, Sample 313, Date Code:7232
Box 29, Folder 29	Box 29, Folder 29, ICE Project Number 995hh ICE Folder Name: Failure Analysis Data Sheets signetics, 1971 Content Summary: Type 384A, Sample 190, Date Code:7129
Box 29, Folder 30	Box 29, Folder 30, ICE Project Number 995ii ICE Folder Name: Failure Analysis Data Sheets signetics, 1973 Content Summary: Type 8266, Sample 261, Date Code:7344
Box 29, Folder 31	Box 29, Folder 31, ICE Project Number 995jj ICE Folder Name: Failure Analysis Data Sheets motorola, 1973 Content Summary: Type 8251, Sample 136, Date Code:7343
Box 29, Folder 32	Box 29, Folder 32, ICE Project Number 995kk ICE Folder Name: Failure Analysis Data Sheets ITT, 1973 Content Summary: Type 7400, Sample 45, Date Code:7329
Box 29, Folder 33	Box 29, Folder 33, ICE Project Number 995ll ICE Folder Name: Failure Analysis Data Sheets Texas Instruments, 1973 Content Summary: Type SN7412N, Sample 194, Date Code:7344
Box 29, Folder 34	Box 29, Folder 34, ICE Project Number 995mm ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type 8271, Sample 322, Date Code: 7342
Box 29, Folder 35	Box 29, Folder 35, ICE Project Number 995nn ICE Folder Name: Failure analysis data sheets, fairchild, 1973 Content Summary: Type 9N16/7416, Sample 229, Date Code: 7332
Box 29, Folder 36	Box 29, Folder 36, ICE Project Number 995oo ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type DEC5314A, Sample 52, Date Code: 7340
Box 29, Folder 37	Box 29, Folder 37, ICE Project Number 995pp

	ICE Folder Name: failure analysis data sheets, texas instruments, 1973 Content Summary: Type SN 7415 3 N, Sample 128, Date Code: 7317
Box 29, Folder 38	Box 29, Folder 38, ICE Project Number 995qq ICE Folder Name: failure analysis data sheets, National [semiconductor] Content Summary: Type DM 7493 N, Sample 137, Date Code: [? 320]
Box 29, Folder 39	Box 29, Folder 39, ICE Project Number 995rr ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type N 7400 AH, Sample 96, Date Code: 7343
Box 29, Folder 40	Box 29, Folder 40, ICE Project Number 995ss ICE Folder Name: failure analysis data sheets, fairchild, 1973 Content Summary: Type 74153, Sample 257, Date Code: 7341
Box 29, Folder 41	Box 29, Folder 41, ICE Project Number 995tt ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type N 7400 AH, Sample 30, Date Code: 7343
Box 29, Folder 42	Box 29, Folder 42, ICE Project Number 995uu ICE Folder Name: Failure analysis data Sheets, Texas instruments, 1971 Content Summary: Type SN 7450 N, Sample 21, Date Code: 7148
Box 29, Folder 43	Box 29, Folder 43, ICE Project Number 995vv ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type 8266, Sample 263, Date Code: 7344
Box 29, Folder 44	Box 29, Folder 44, ICE Project Number 995ww ICE Folder Name: failure analysis data sheets, raytheon, 1973 Content Summary: Type 74194 MP, Sample 48, Date Code 7340
Box 29, Folder 45	Box 29, Folder 45, ICE Project Number 995xx ICE Folder Name: failure analysis data sheets, texas instruments, 1971 Content Summary: Type SN97401 (7401), Sample 327, Date Code: 7122A
Box 29, Folder 46	Box 29, Folder 46, ICE Project Number 995yy ICE Folder Name: failure analysis data sheets, Texas instruments, 1973 Content Summary: Type 74 H00, Sample 116, Date Code: 7322
Box 29, Folder 47	Box 29, Folder 47, ICE Project Number 995zz ICE Folder Name: failure analysis data sheets, signetics, 1973

Content Summary: Type 8271, Sample 101, Date Code: 7328

Box 29, Folder 48 Box 29, Folder 48, ICE Project Number 995aaa

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

Box 29, Folder 49 Box 29, Folder 49, ICE Project Number 995bbb

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

Box 29, Folder 50 Box 29, Folder 50, ICE Project Number 995ccc

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

Box 29, Folder 51 Box 29, Folder 51, ICE Project Number 995ddd

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

Box 29, Folder 52 Box 29, Folder 52, ICE Project Number 995eee

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

Box 29, Folder 53 Box 29, Folder 53, ICE Project Number 995fff

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

Box 29, Folder 54 Box 29, Folder 54, ICE Project Number 995ggg

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

Box 29, Folder 55 Box 29, Folder 55, ICE Project Number 995hhh

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

Box 29, Folder 56 Box 29, Folder 56, ICE Project Number 995iii

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

Box 29, Folder 57 Box 29, Folder 57, ICE Project Number 995jjj

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

Box 29, Folder 58	Box 29, Folder 58, ICE Project Number 995kkk ICE Folder Name: failure analysis data sheet, texas instruments, 1971 Content Summary: Type SN 7412 N, Sample 170, Date Code: 7134A
Box 30, Folder 1	Box 30, Folder 1, ICE Project Number 995lll ICE Folder Name: failure analysis data sheets, texas instruments, 1971 Content Summary: Type SN 7412 N, Sample 193, Date Code: 7147A
Box 30, Folder 2	Box 30, Folder 2, ICE Project Number 995mmm ICE Folder Name: failure analysis data sheets, National semiconductor Content Summary: Type DM 74L54 N, Sample 265, Date Code: [?329]
Box 30, Folder 3	Box 30, Folder 3, ICE Project Number 995nnn ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type 8266, Sample 262, Date Code: 7344
Box 30, Folder 4	Box 30, Folder 4, ICE Project Number 995ooo ICE Folder Name: failure analysis data sheets, fairchild, 1973 Content Summary: Type DEC 9601, Sample 279, Date Code 7320
Box 30, Folder 5	Box 30, Folder 5, ICE Project Number 995ppp ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type 8235, Sample 31, Date Code: 7334
Box 30, Folder 6	Box 30, Folder 6, ICE Project Number 995qqq ICE Folder Name: failure analysis data sheets, signetics, 1972 Content Summary: Type 8271, Sample 80, Date Code: 7216
Box 30, Folder 7	Box 30, Folder 7, ICE Project Number 995rrr ICE Folder Name: failure analysis data sheets, fairchild, 1973 Content Summary: Type 7405, Sample 114, Date Code: 7318
Box 30, Folder 8	Box 30, Folder 8, ICE Project Number 995sss ICE Folder Name: failure analysis data sheets, texas instruments, 1972 Content Summary: Type SN 7412 N, Sample 171, Date Code: 7205
Box 30, Folder 9	Box 30, Folder 9, ICE Project Number 995ttt ICE Folder Name: failure analysis data sheets, texas instruments, 1973 Content Summary: Type SN 74L54 N, Sample 266, Date Code: 7332A
Box 30, Folder 10	Box 30, Folder 10, ICE Project Number 995uuu

	ICE Folder Name: failure analysis data sheets, signetics, 1973 Content Summary: Type 384A, Sample 14, Date Code: 7325
Box 30, Folder 11	Box 30, Folder 11, ICE Project Number 995vvv ICE Folder Name: failure analysis data sheets, fairchild, 1973 Content Summary: Type 7486, Sample 240, Date Code: 7331
Box 30, Folder 12	Box 30, Folder 12, ICE Project Number 995www ICE Folder Name: failure analysis data sheets, signetics, 1971 Content Summary: Type 6380A, Sample 323, Date Code: 7112
Box 30, Folder 13	Box 30, Folder 13, ICE Project Number 995xxx ICE Folder Name: failure analysis data sheets, signetics, 1972 Content Summary: Type 8251, Sample 19, Date Code: 7230
Box 30, Folder 14	Box Folder 14, ICE Project Number 995yyy ICE Folder Name: failure analysis data sheets, texas instruments, 1971 Content Summary: Type SN 97401 (SN 7401N), Sample 326, Date Code: 7117
Box 30, Folder 15	Box 30, Folder 15, ICE Project Number 995zzz ICE Folder Name: failure analysis Data sheets, texas instruments, 1971 Content Summary: Type SN 97401 (SN 7401N), Sample 325, Date Code: 7117
Box 30, Folder 16	Box 30, Folder 16, ICE Project Number 995aaaa ICE Folder Name: failure analysis data sheets, texas instruments, 1973 Content Summary: Type SN 7474 N, Sample 6, Date Code: 7305
Box 30, Folder 17	Box 30, Folder 17, ICE Project Number 995bbbb ICE Folder Name: failure analysis data sheets, texas instruments, 1972 Content Summary: Type SN 74H87 N, Sample 163, Date Code: 7213
Box 30, Folder 18	Box 30, Folder 18, ICE Project Number 995cccc ICE Folder Name: failure analysis data sheets, texas instruments, 1972 Content Summary: Type SN 74H87 N, Sample 4, Date Code: 7217
Box 30, Folder 19	Box 30, Folder 19, ICE Project Number 995dddd ICE Folder Name: failure analysis data sheets, texas instruments, 1973 Content Summary: Type SN 7416 N, Sample 15, Date Code: 7335
Box 30, Folder 20	Box 30, Folder 20, ICE Project Number 995eeee

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

Box 30, Folder 21 Box 30, Folder 21, ICE Project Number 995ffff

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

Box 30, Folder 22 Box 30, Folder 22, ICE Project Number 995gggg

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

Box 30, Folder 23 Box 30, Folder 23, ICE Project Number 995hhhh

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

Box 30, Folder 24 Box 30, Folder 24, ICE Project Number 995iiii

ICE Folder Name: failure analysis data sheets, signetics, 1973
Content Summary: Type N 74194 B, Sample 200, Date Code: 7347

Box 30, Folder 25 Box 30, Folder 25, ICE Project Number 996a
Content Summary: Hand-written notes, 1975

Box 30, Folder 26 Box 30, Folder 26, ICE Project Number 996b
Content Summary: RCA - reliability considerations for COS/MOS devices,
1975

Box 30, Folder 27 Box 30, Folder 27, ICE Project Number 996c
Content Summary: Sprague - reliability of plastic integrated circuits, 1976

Box 30, Folder 28 Box 30, Folder 28, ICE Project Number 996d
Content Summary: Some advanced techniques for device failure analysis -
technical memo, 1975

Box 30, Folder 29 Box 30, Folder 29, ICE Project Number 996e
Content Summary: The Uti Journal, Vol.2 No. 2, 1976

Box 30, Folder 30 Box 30, Folder 30, ICE Project Number 996f
Content Summary: Advertisement - PCR Inc. "Reduce your rejects with
HMDS", 1976

Box 30, Folder 31 Box 30, Folder 31, ICE Project Number 996g
Content Summary: Minutes of ASTM committee F-1, subcommittee, assembly,
1975

Box 30, Folder 32 Box 30, Folder 32, ICE Project Number 996h
Content Summary: CL75-620 Electrostatic discharge in microcircuits - reprint,
1975

Box 30, Folder 33	Box 30, Folder 33, ICE Project Number 996l Content Summary: Packet of papers identifying problem areas with assembly, 1975
Box 30, Folder 34	Box 30, Folder 34, ICE Project Number 996j Content Summary: Photograph, 1975
Box 30, Folder 35	Box 30, Folder 35, ICE Project Number 996k Content Summary: Practical problems in the application of aluminum electromigration failure studies
Box 30, Folder 36	Box 30, Folder 36, ICE Project Number 996l Content Summary: SEM applications to semiconductors
Box 30, Folder 37	Box 30, Folder 37, ICE Project Number 996m ICE Folder Name: Paper published in the journal of the electrochemical society - "passivation coatings on silicon devices", 1975
Box 30, Folder 38	Box 30, Folder 38, ICE Project Number 996n Content Summary: Microcircuit manufacturing control handbook - a guide to failure analysis & process control, 1975
Box 30, Folder 39	Box 30, Folder 39, ICE Project Number 996o ICE Folder Name: airforce handbook rough draft updates, 1974
Box 30, Folder 40	Box 30, Folder 40, ICE Project Number 996p ICE Folder Name: radc f30602-74-c-0232 misc. CORRESPONDENCE, 1977
Box 30	Box 30, Folder 40, ICE Project Number 996p ICE Folder Name: radc f30602-74-c-0232 misc. CORRESPONDENCE, 1977
Box 30, Folder 41	Box 30, Folder 41, ICE Project Number 996q ICE Folder Name: unused failure analysis
Box 30, Folder 42	Box 30, Folder 42, ICE Project Number 996r ICE Folder Name: reliability handbook, 1975 Content Summary: Failure analysis
Box 30, Folder 43	Box 30, Folder 43, ICE Project Number 996s Content Summary: News release - New Microcircuit manufacturing control handbook for the industry, 1975
Box 30, Folder 44	Box 30, Folder 44, ICE Project Number 996t Content Summary: Hand -written notes, 1975
Box 31, Folder 1	Box 31, Folder 1, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Design
Box 31, Folder 2	Box 31, Folder 2, ICE Project Number 996u

	ICE Folder Name: failure analysis summary Content Summary: Problem area: Materials - EPI
Box 31, Folder 3	Box 31, Folder 3, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: surfaces - oxidation
Box 31, Folder 4	Box 31, Folder 4, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Diffusion
Box 31, Folder 5	Box 31, Folder 5, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Metallization
Box 31, Folder 6	Box 31, Folder 6, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Assembly
Box 31, Folder 7	Box 31, Folder 7, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Package sealing
Box 31, Folder 8	Box 31, Folder 8, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Testing
Box 31, Folder 9	Box 31, Folder 9, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Application
Box 31, Folder 10	Box 31, Folder 10, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Equipment description number 38
Box 31, Folder 11	Box 31, Folder 11, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Design
Box 31, Folder 12	Box 31, Folder 12, ICE Project Number 996u ICE Folder Name: failure analysis summary

Content Summary: Problem area: Surfaces

Box 31, Folder 13 Box 31, Folder 13, ICE Project Number 996u

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

Box 31, Folder 14 Box 31, Folder 14, ICE Project Number 996u

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

Box 31, Folder 15 Box 31, Folder 15, ICE Project Number 996u

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

Box 31, Folder 16 Box 31, Folder 16, ICE Project Number 996u

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

Box 31, Folder 17 Box 31, Folder 17, ICE Project Number 996u

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

Box 31, Folder 18 Box 31, Folder 18, ICE Project Number 996u

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

Box 31, Folder 19 Box 31, Folder 19, ICE Project Number 996u

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

Box 31, Folder 20 Box 31, Folder 20, ICE Project Number 996u

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

Box 31, Folder 21 Box 31, Folder 21, ICE Project Number 996u

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

Box 31, Folder 22 Box 31, Folder 22, ICE Project Number 996u

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

Box 31, Folder 23	Box 31, Folder 23, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Surfaces
Box 31, Folder 24	Box 31, Folder 24, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Diffusion
Box 31, Folder 25	Box 31, Folder 25, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Metallization
Box 31, Folder 26	Box 31, Folder 26, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Assembly
Box 31, Folder 27	Box 31, Folder 27, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Package sealing
Box 31, Folder 28	Box 31, Folder 28, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Testing
Box 31, Folder 29	Box 31, Folder 29, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Applications
Box 31, Folder 30	Box 31, Folder 30, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Equipment description number 38
Box 31, Folder 31	Box 31, Folder 31, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Design
Box 31, Folder 32	Box 31, Folder 32, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Materials - EPI
Box 31, Folder 33	Box 31, Folder 33, ICE Project Number 996u

	ICE Folder Name: failure analysis summary Content Summary: Problem area: Surfaces - Oxidation
Box 31, Folder 34	Box 31, Folder 34, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Surfaces
Box 31, Folder 35	Box 31, Folder 35, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Diffusion
Box 31, Folder 36	Box 31, Folder 36, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Metallization
Box 31, Folder 37	Box 31, Folder 37, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Assembly
Box 31, Folder 38	Box 31, Folder 38, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Package sealing
Box 31, Folder 39	Box 31, Folder 39, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Testing
Box 31, Folder 40	Box 31, Folder 40, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Applications
Box 31, Folder 41	Box 31, Folder 41, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Equipment description number 38
Box 31, Folder 42	Box 31, Folder 42, ICE Project Number 996u ICE Folder Name: failure analysis summary Content Summary: Problem area: Design
Box 31, Folder 43	Box 31, Folder 43, ICE Project Number 996u ICE Folder Name: failure analysis summary

Content Summary: Problem area: Materials - EPI

Box 31, Folder 44 Box 31, Folder 44, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Surfaces - Oxidation

Box 31, Folder 45 Box 31, Folder 45, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Diffusion

Box 31, Folder 46 Box 31, Folder 46, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Metallization

Box 31, Folder 47 Box 31, Folder 47, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Assembly

Box 31, Folder 48 Box 31, Folder 48, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Package Sealing

Box 31, Folder 49 Box 31, Folder 49, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Testing

Box 31, Folder 50 Box 31, Folder 50, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Applications

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

Box 31, Folder 52 Box 31, Folder 52, ICE Project Number 996w
ICE Folder Name: Failure analysis summary
Content Summary: Equipment description number 38

Box 31, Folder 53 Box 31, Folder 53, ICE Project Number 996x
Content Summary: Handwritten notes, 197

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

Box 31, Folder 55	Box 31, Folder 55, ICE Project Number 996z ICE Folder Name: Used reports, 1976 Content Summary: Reliability engineering analysis report
Box 32, Folder 1	Box 32, Folder 1, ICE Project Number 996aa ICE Folder Name: Rome air development center, p/q#1685, 1973 Content Summary: Process control handbook
Box 32, Folder 2	Box 32, Folder 2, ICE Project Number 996bb Content Summary: Photographs - an early design silicon monolithic circuit
Box 32, Folder 3	Box 32, Folder 3, ICE Project Number 996cc Content Summary: Failure analysis summary - Problem area: assembly, 1975
Box 32, Folder 4	Box 32, Folder 4, ICE Project Number 996dd Content Summary: Hand-written call reports
Box 32, Folder 5	Box 32, Folder 5, ICE Project Number 996ee Content Summary: Advertisement/description of dynamic junction profiler, 1975
Box 32, Folder 6	Box 32, Folder 6, ICE Project Number 996ff Content Summary: Photo: wire bond lifting off pad...visual observations
Box 32, Folder 7	Box 32, Folder 7, ICE Project Number 996gg Content Summary: Photo: conductive particle on lead
Box 32, Folder 8	Box 32, Folder 8, ICE Project Number 996hh Content Summary: Misc. close-up circuit photos
Box 32, Folder 9	Box 32, Folder 9, ICE Project Number 996ii Content Summary: Photo: 3 views of unidentified circuit
Box 32, Folder 10	Box 32, Folder 10, ICE Project Number 996jj Content Summary: Failure analysis summary - Documents ready to go to the printer
Box 32, Folder 11	Box 32, Folder 11, ICE Project Number 996kk ICE Folder Name: Misc. circuit picture
Box 32, Folder 12	Box 32, Folder 12, ICE Project Number 996ll Content Summary: Misc. military correspondence & documentation - photographs included
Box 32, Folder 13	Box 32, Folder 13, ICE Project Number 996mm ICE Folder Name: Nad cranl failure reports, 1974
Box 32, Folder 14	Box 32, Folder 14, ICE Project Number 996nn Content Summary: Reliability engineering analysis report, 1977

Box 32, Folder 15	Box 32, Folder 15, ICE Project Number 996oo ICE Folder Name: Nbs failure analysis, 1973
Box 32, Folder 16	Box 32, Folder 16, ICE Project Number 996pp ICE Folder Name: Microcircuit manufacturing control handbook
Box 33, Folder 1	Box 33, Folder 1, ICE Project Number 996qq ICE Folder Name: RADC handbook, 1976
Box 33, Folder 2	Box 33, Folder 2, ICE Project Number 996rr ICE Folder Name: radc handbook, 1974 Content Summary: copies of contract
Box 33, Folder 3	Box 33, Folder 3, ICE Project Number 996ss ICE Folder Name: radc handbook Content Summary: Statement of work for reporting
Box 33, Folder 4	Box 33, Folder 4, ICE Project Number 996tt ICE Folder Name: radc handbook, 1976
Box 33, Folder 5	Box 33, Folder 5, ICE Project Number 997a ICE Folder Name: hitachi america, ltd. p/q #1714, 1974 Content Summary: Marked analysis, specific cost information, and crystal orientation
Box 33, Folder 6	Box 33, Folder 6, ICE Project Number 997b ICE Folder Name: hitachi america, ltd., 1974 Content Summary: A special analysis of the U.S.> circuit market (working copy)
Box 33, Folder 7	Box 33, Folder 7, ICE Project Number 997c ICE Folder Name: hitachi america, ltd., 1974 Content Summary: A special analysis of the U.S.> circuit market (original)
Box 33, Folder 8	Box 33, Folder 8, ICE Project Number 997d ICE Folder Name: hitachi america, ltd., 1974 Content Summary: 8 digit calculator & chips/crystal questions, correspondence & articles
Box 33, Folder 9	Box 33, Folder 9, ICE Project Number 998a ICE Folder Name: western electric p/q #1708, 1974 Content Summary: Western Electronic vs. Solitron Services, Inc. Index No. 7061/1966

- Box 33, Folder 10 Box 33, Folder 10, ICE Project Number 998b
- ICE Folder Name: Western Electric, 1974
Content Summary: The role of belt aligned silicon-Gate Technology in the U.S. Integrated Circuit Market
- Box 33 Box 33, Folder 11, ICE Project Number 998c
- ICE Folder Name: Western Electric, 1974
Content Summary: Patent summaries, Rockwell calculator and fixed charges for semiconductor patents or NOS patents
- Box 33 Box 33, Folder 12, ICE Project Number 999a
- ICE Folder Name: Bowmar canada limited, 1973, 1974
Content Summary: Management & financial report
- Box 33, Folder 13 Box 33, Folder 13, ICE Project Number 999b
- ICE Folder Name: Bowmar Canada limited, 1974
Content Summary: A prospectus for Bowmar-an investment opportunity in semiconductors, Product areas: LEDES, Silicon, B Polar, MO
- Box 33 Box 33, Folder 14, ICE Project Number 999c
- ICE Folder Name: bowmar canada, limited, 1974
Content Summary: "...most important long term asset: electronic watch ..." a review of realities and alternatives
- Box 34, Folder 1 Box 34, Folder 1, ICE Project Number 999d
- ICE Folder Name: bowmar canada, limited, 1975
Content Summary: Fair market value study of the Bowmar/ Arizona Chandler facility
- Box 34, Folder 2 Box 34, Folder 2, ICE Project Number 999e
- ICE Folder Name: bowmar, 1974
Content Summary: Correspondence-chips, calculators/watches
- Box 34, Folder 3 Box 34, Folder 3, ICE Project Number 999f
- ICE Folder Name: Bowmar, 1974
Content Summary: Engineering report E-1162 effects of impurities on the resonator & Lattice properties of quartz 11/2/1995
- Box 34, Folder 4 Box 34, Folder 4, ICE Project Number 999g
- ICE Folder Name: Bowmar, 1974
Content Summary: Engineering evaluation lab. & original notes
- Box 34, Folder 5 Box 34, Folder 5, ICE Project Number 999h

	ICE Folder Name: bowmar, 1974 Content Summary: Probe and final tests & original notes
Box 34, Folder 6	Box 34, Folder 6, ICE Project Number 999i ICE Folder Name: Bowmar, 1974 Content Summary: Hand ledger copy of mfg. And application, eq. Hewlett Packard Digital Cur. Source
Box 34, Folder 7	Box 34, Folder 7, ICE Project Number 999j ICE Folder Name: bowmar, 1975 Content Summary: Project to sell majority interest in Bowmar, Canada LTD.
Box 34, Folder 8	Box 34, Folder 8, ICE Project Number 999k ICE Folder Name: bowmar, 1975 Content Summary: Attachment #4- office furniture and equipment
Box 34, Folder 9	Box 34, Folder 9, ICE Project Number 999l ICE Folder Name: Bowmar, 1975 Content Summary: Facilities
Box 34, Folder 10	Box 34, Folder 10, ICE Project Number 999m ICE Folder Name: bowmar, 1975 Content Summary: Summary of Bowmar semiconductor group
Box 34, Folder 11	Box 34, Folder 11, ICE Project Number 999n ICE Folder Name: bowmar, 1975 Content Summary: Organization chart, history [time line] of Bowmar/ Arizona's semiconductor activity
Box 34, Folder 12	Box 34, Folder 12, ICE Project Number 999o ICE Folder Name: bowmar, 1974, 1975 Content Summary: News clippings Chapter 11 to litigation
Box 34, Folder 13	Box 34, Folder 13, ICE Project Number 999p ICE Folder Name: bowmar, 1975 Content Summary: Facilities and financial status
Box 34, Folder 14	Box 34, Folder 14, ICE Project Number 999q ICE Folder Name: bowmar, 1975 Content Summary: Proprietary 1975 MOS process
Box 34, Folder 15	Box 34, Folder 15, ICE Project Number 999r

	ICE Folder Name: bowmar, 1975 Content Summary: Proprietary 1975 BIPOLAR L2-8-2 process
Box 34, Folder 16	Box 34, Folder 16, ICE Project Number 999S ICE Folder Name: bowmar, 1975 Content Summary: Manpower, skills, balance sheets, status, original notes
Box 34, Folder 17	Box 34, Folder 17, ICE Project Number 999s ICE Folder Name: bowmar, 1975 Content Summary: Material bipolar- diffusion Doc# 10B00059
Box 34, Folder 18	Box 34, Folder 18, ICE Project Number 999t ICE Folder Name: Bowmar, 1974 Content Summary: Process specs - CMOS, Doc.# 10B00047
Box 34, Folder 19	Box 34, Folder 19, ICE Project Number 999u ICE Folder Name: Bowmar, 1974 Content Summary: Diffusion Base worksheets
Box 34, Folder 20	Box 34, Folder 20, ICE Project Number 999v ICE Folder Name: Bowmar, 1974 Content Summary: Diffusion Au emitter worksheets
Box 35, Folder 1	Box 35, Folder 1, ICE Project Number 999w ICE Folder Name: bowmar, 1974 Content Summary: Isolation diffusion worksheets
Box 35, Folder 2	Box 35, Folder 2, ICE Project Number 999x ICE Folder Name: bowmar, 1974 Content Summary: Diffusion Buried Layer worksheets
Box 35, Folder 3	Box 35, Folder 3, ICE Project Number 999y ICE Folder Name: bowmar, 1974 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 Content Summary: Bipolar process specs, Doc.# 10B00151
Box 35, Folder 5	Box 35, Folder 5, ICE Project Number 999aa ICE Folder Name: bowmar, 1974

- 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
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
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
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
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
Content Summary: Investment opportunity
- Box 36, Folder 1 Box 36, Folder 1, ICE Project Number 999gg
- ICE Folder Name: bowmar - motorola personnel, 1975
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
Content Summary: Telephone calls & notes
- Box 36, Folder 3 Box 36, Folder 3, ICE Project Number 999ii
- ICE Folder Name: bowmar - motorola personnel, 1975
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
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
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
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
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
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
Content Summary: Eastman Kodak MSC-1 Circuit

Box 37 Box 37, Folder 3, ICE Project Number 10003

ICE Folder Name: Eastman Kodak, May 28, 1974
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
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
Content Summary: Report on the 75370 Sense Amplifier Circuit

Box 37, Folder 6 Box 37, Folder 6, ICE Project Number 10006
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
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
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
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
Content Summary: Fail Safe Analysis Renewal Ignition System

Box 38, Folder 1 Box 38, Folder 1, ICE Project Number 10009
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
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
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
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
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
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
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

Content Summary: Proposal/Quotation No. 1726

Box 38, Folder 10

Box 38, Folder 10, ICE Project Number 10016

ICE Folder Name: Eastman Kodak

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

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

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

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

Content Summary: Custom MOS Assembly

Box 39, Folder 4

Box 39, Folder 4, ICE Project Number 10019

ICE Folder Name: King Radio, August 1974

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

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

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.

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

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
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
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
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
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
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
Content Summary: Call Reports
- Box 40, Folder 6 Box 40, Folder 6, ICE Project Number 10029
ICE Folder Name: Open SOS Seminar, January 1975
- Box 40, Folder 8 Box 40, Folder 8, ICE Project Number 10031
ICE Folder Name: IBM - BT Seminar
- Box 40, Folder 9 Box 40, Folder 9, ICE Project Number 10032
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
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 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 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 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 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 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 Content Summary: Design and Layout of Digital CMOS Tone Encoder Microcircuits
Box 41, Folder 5	Box 41, Folder 5, ICE Project Number 10040 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 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 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 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 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 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 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 Content Summary: From Murray to Dicken, Seaco vs. Motorola, Case Settled out of Court
Box 42, Folder 4	Box 42, Folder 4, ICE Project Number 10052a 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 Content Summary: Microprocessor Technology, 1976
Box 42, Folder 8	Box 42, Folder 8, ICE Project Number 10055 ICE Folder Name: Interlek, June 1975 Content Summary: Confirmation of P/Q 10055
Box 42, Folder 9	Box 42, Folder 9, ICE Project Number 10056a ICE Folder Name: SYSTRON DONNER Hybrid Workshop Pr/Q No. 1773 Content Summary: Model 4831 Detector/Amplifier - Hybrid Wafer/Circuit, November 1975
Box 42, Folder 10	Box 42, Folder 10, ICE Project Number 10056b 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 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

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
Content Summary: Microprocessor Study, 1975

Box 43, Folder 3

Box 43, Folder 3, ICE Project Number 10058
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
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
Content Summary: Failure Analysis - Hybrid Die Bonding

Box 43, Folder 6

Box 43, Folder 6, ICE Project Number 10061

ICE Folder Name: Coinductor, 1975
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
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
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
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
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
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
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
Content Summary: Review of Performance & Action; Including
Transparencies & Comments, 1975

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

ICE Folder Name: FAIRCHILD P/Q 1810
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
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
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
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
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
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

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
Content Summary: Purchasers of Status 1974 and 1975

Box 45, Folder 6 Box 45, Folder 6, ICE Project Number 10076b
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
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
Content Summary: The Electronic Watch Market

Box 46, Folder 4 Box 46, Folder 4, ICE Project Number 10078
ICE Folder Name: Open BT Seminar

Box 46, Folder 5 Box 46, Folder 5, ICE Project Number 10079

ICE Folder Name: Martin-Marietta
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
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
Content Summary: Honeywell Solid State Study and External Microelectronics Study

Box 46, Folder 8 Box 46, Folder 8, ICE Project Number 10082
ICE Folder Name: Failure Analysis Seminar

Box 46, Folder 9 Box 46, Folder 9, ICE Project Number 10083

ICE Folder Name: ITT, February 1976
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 Content Summary: Status of Integrated Circuits
Box 47, Folder 2	Box 47, Folder 2, ICE Project Number 10085a ICE Folder Name: GRUMMANN- References & Reports Content Summary: Components 1976
Box 47, Folder 3	Box 47, Folder 3, ICE Project Number 10085b ICE Folder Name: GRUMMANN- References & Reports 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 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 Content Summary: Registration Forms for BT Seminar
Box 47, Folder 6	Box 47, Folder 6, ICE Project Number 10087a ICE Folder Name: HYBRID STATUS Content Summary: Hybrid Books 1976
Box 47, Folder 7	Box 47, Folder 7, ICE Project Number 10087b ICE Folder Name: HYBRID STATUS 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 Content Summary: Product Information 1976
Box 48, Folder 1	Box 48, Folder 1, ICE Project Number 100870d ICE Folder Name: HYBRID STATUS 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. 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

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
Content Summary: Qualifications of Microelectronics Personnel 1976

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

ICE Folder Name: STROMBERG - CARLSON
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
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
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.
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
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
Content Summary: May 6, 1976 Recommendations to Repair 724 Failed Circuits

Box 49, Folder 8 Box 49, Folder 8, ICE Project Number 10097
ICE Folder Name: Watch Report

Box 49, Folder 9 Box 49, Folder 9, ICE Project Number 10098

ICE Folder Name: RAYTHEON
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. Content Summary: Information on MOS Technologies, 1976
Box 49, Folder 13	Box 49, Folder 13, ICE Project Number 10102 ICE Folder Name: NORTH ELECTRIC 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 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 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 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. Content Summary: Information on Medtronic Inc. 1976
Box 50, Folder 5	Box 50, Folder 5, ICE Project Number 10107 ICE Folder Name: Kodak Content Summary: Consulting 1976
Box 50, Folder 6	Box 50, Folder 6, ICE Project Number 10108 ICE Folder Name: G.E. 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. 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

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

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

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

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

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

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

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.

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

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

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

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

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

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

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

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

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

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

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 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 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 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 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 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 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. 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 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 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
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.
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
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
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
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
Content Summary: Base Junction Determination, 1976

Box 54, Folder 7 Box 54, Folder 7, ICE Project Number 10149

ICE Folder Name: GENERAL ELECTRIC
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
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

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
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
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
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
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
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
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
Content Summary: Plans for a Semiconductor Seminar

Box 56, Folder 5 Box 56, Folder 5, ICE Project Number 10157a

ICE Folder Name: Granger Associates
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
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
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
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
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
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
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
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
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
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
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
Content Summary: Seminar on Circuits Interface, 1977

Box 58, Folder 4 Box 58, Folder 4, ICE Project Number 10169

ICE Folder Name: WEMA
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
Content Summary: List of People Attending Seminar, 1977

Box 58 Series 16 material, contents unknown

Box 59, Folder 1 Box 59, Folder 1, ICE Project Number 10171
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
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
Content Summary: Program Files for I2L, 1977

Box 59, Folder 4 Box 59, Folder 4, ICE Project Number 10173b

ICE Folder Name: I2L References
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
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
Content Summary: Background Information on I2L, 1977

Box 60, Folder 1 Box 60, Folder 1, ICE Project Number 10174a

ICE Folder Name: Grumman/Cowen
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 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 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 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 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 Content Summary: Comprehensive Information on Projects Through ICE up to Feb 1977
Box 61, Folder 3	Box 61, Folder 3, ICE Project Number 10181b 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 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 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 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

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
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
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
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
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
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.
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
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
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

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
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
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
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
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
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
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
Content Summary: Completion of Project No. 10198 and New Business,
1977

Box 66, Folder 1 Box 66, Folder 1, ICE Project Number 10199
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

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
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
Content Summary: Integrated Circuit Technology Book, January 1977 (Objects Included)

Box 66, Folder 5 Box 66, Folder 5, ICE Project Number 10203
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
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
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
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
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
Content Summary: Summarized Failure Mode/Mechanism Data

Box 67, Folder 2 Box 67, Folder 2, ICE Project Number 10209b

ICE Folder Name: Motorola
Content Summary: Rough Draft - Chapter 7

Box 67, Folder 3 Box 67, Folder 3, ICE Project Number 10209c

ICE Folder Name: Motorola
Content Summary: Chemical and Intermetallic Interactions

Box 67, Folder 5 Box 67, Folder 5, ICE Project Number 10211
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
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
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.
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: RADC Product Analysis
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"
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
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
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 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 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" 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 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. Content Summary: Investigation of Custom Circuit Leakage Problem, April 1977
Box 70, Folder 3	Box 70, Folder 3, ICE Project Number 10220 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 ICE Folder Name: BT SEMINAR - Oct. 26-28 SCOTTSDALE
Box 70, Folder 5	Box 70, Folder 5, ICE Project Number 10221b 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 Content Summary: ICECAP Version: WM - 03 Program Manual, 1977
Box 70, Folder 7	Box 70, Folder 7, ICE Project Number 10223 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
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
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
Content Summary: Utilization of Services on Yield Improvement

Box 71, Folder 4 Box 71, Folder 4, ICE Project Number 10226
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
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
Content Summary: Philco-Mexico Reports, Charts, and Graphs

Box 72, Folder 2 Box 72, Folder 2, ICE Project Number 10228
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
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
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
Content Summary: "Hands On" Silicon Wafer Fab Training Program, June 1977

Box 72, Folder 6 Box 72, Folder 6, ICE Project Number 10231
ICE Folder Name: F/A SEMINAR-SEPT. 7-8 SEATTLE, WA

Box 73, Folder 1 Box 73, Folder 1, ICE Project Number 10232

ICE Folder Name: F/A SEMINAR SEPT. 14-15-LA, CA

Box 73, Folder 2 Box 73, Folder 2, ICE Project Number 10233
ICE Folder Name: F/A SEMINAR OCT. 19-20 - SCOTTSDALE

Box 73, Folder 3 Box 73, Folder 3, ICE Project Number 10234
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
ICE Folder Name: MICROPROCESSORS FOR MANAGEMENT SEMINAR,
Dec. 1, 1977

Box 73, Folder 5 Box 73, Folder 5, ICE Project Number 10236
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
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
Content Summary: Automotive Sensor Requirements

Box 74, Folder 3 Box 74, Folder 3, ICE Project Number 10237c
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
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
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
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
ICE Folder Name: P/Q #1976 PANASONIC COMPANY Personalized Seminar

Box 75, Folder 3 Box 75, Folder 3, ICE Project Number 10242

- 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.
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.
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
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
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
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
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
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
Content Summary: Report on Tape Automated Bonding, August 1977
- Box 76, Folder 4 Box 76, Folder 4, ICE Project Number 10247

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
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
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)
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)
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)
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)
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)
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)
Content Summary: Correspondence 1978 I

Box 79, Folder 1 Box 79, Folder 1, ICE Project Number 10248i

ICE Folder Name: WORLD BANK (KOREA)
Content Summary: Correspondence 1978 II

Box 79, Folder 2 Box 79, Folder 2, ICE Project Number 10248j

	ICE Folder Name: WORLD BANK (KOREA) Content Summary: Correspondence 1978 III
Box 79, Folder 3	Box 79, Folder 3, ICE Project Number 10248k ICE Folder Name: WORLD BANK (KOREA) Content Summary: Correspondence 1978 IV
Box 79, Folder 4	Box 79, Folder 4, ICE Project Number 10248l ICE Folder Name: WORLD BANK (KOREA) 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) 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 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) 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 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) 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 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
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
Content Summary: Wet Etching & Scanning Electron Microscope Areas, September 1977

Box 82, Folder 2 Box 82, Folder 2, ICE Project Number 10250
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
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
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
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.
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
Content Summary: DPA Control Form, August 1977

Box 82, Folder 9 Box 82, Folder 9, ICE Project Number 10257

ICE Folder Name: LeCROY RESEARCH
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
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
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
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
Content Summary: Method Worksheets

Box 83, Folder 5 Box 83, Folder 5, ICE Project Number 10260c

ICE Folder Name: Marshall Space Flight Center
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
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
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
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
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
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

- 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
Content Summary: Consultant Agreement, August 1977
- Box 85, Folder 5 Box 85, Folder 5, ICE Project Number 10263
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
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
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
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)
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
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
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

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

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

Content Summary: OHMIC Contacts to Semiconductors, January 1978

Box 87

Box 87, Folder 3, ICE Project Number 10269b

ICE Folder Name: Varo Semiconductor

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

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

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

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

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

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

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
Content Summary: The Status of the Integrated Circuit Industry, 1978

Box 89, Folder 1 Box 89, Folder 1, ICE Project Number 10273b
ICE Folder Name: Status '78 Seminar

Box 89, Folder 3 Box 89, Folder 3, ICE Project Number 10275
ICE Folder Name: I2L SEMINAR - Scottsdale Feb. 14-15, 1978

Box 89, Folder 4 Box 89, Folder 4, ICE Project Number 10276
ICE Folder Name: FAILURE ANALYSIS SEMINAR Scotts., March 7-8, 1978

Box 89, Folder 5 Box 89, Folder 5, ICE Project Number 10277
ICE Folder Name: STATUS '78 SEMINAR Los Angeles - March 14, 1978

Box 89, Folder 6 Box 89, Folder 6, ICE Project Number 10278
ICE Folder Name: FAILURE ANALYSIS SEMINAR NEW YORK - March 21-22, 1978

Box 89, Folder 7 Box 89, Folder 7, ICE Project Number 10279
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
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
Content Summary: Sign-In Sheets, Critique Sheets, and Feedback

Box 89, Folder 10 Box 89, Folder 10, ICE Project Number 10281
ICE Folder Name: FAILURE ANALYSIS SEMINAR San Fran. May 2-3, 1978

Box 90, Folder 1 Box 90, Folder 1, ICE Project Number 10282
ICE Folder Name: INTEGRATED CIRCUIT TECHONOLGY SEMINAR - Scotts., May 9,10,11, 1978

Box 90, Folder 2 Box 90, Folder 2, ICE Project Number 10283
ICE Folder Name: INTEGRATED CIRCUIT TECHONOLGY SEMINAR - Chicago June 6,7,8, 1978

Box 90, Folder 3 Box 90, Folder 3, ICE Project Number 10284
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

- 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
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
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
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
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
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
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.
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
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

- 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
Content Summary: Engineering Specifications & Consulting Agreement 1978
- Box 92, Folder 1 Box 92, Folder 1, ICE Project Number 10293b
- ICE Folder Name: Shugart Associates
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
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
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.
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
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
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
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
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
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
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"
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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

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

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

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. 2055

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 Supplier

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

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

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

Content Summary: Product Evaluations (Including Photographs)

Box 98, Folder 1

Box 98, Folder 1, ICE Project Number 10312c

ICE Folder Name: NASA

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

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

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

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

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

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

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

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

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

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
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
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
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
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
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
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
Content Summary: Photographs of Unspecified Circuit, 1978

Box 100, Folder 6 Box 100, Folder 6, ICE Project Number 10319

ICE Folder Name: Untitled
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.
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

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

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

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

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

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

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

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

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
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
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
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
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
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
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
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
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

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

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

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

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

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

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

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

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
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
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
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
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
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
Content Summary: Examples of VHSIC Program Goals, 1979

Box 105, Folder 4 Box 105, Folder 4, ICE Project Number 10323ab

ICE Folder Name: NOSC
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
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
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.
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.
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)
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
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
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
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
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

- 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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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

Content Summary: "status of integrated circuits" seminar, Rickeys Hyatt House, San. Fran. Feb. 7, 1979

- Box 111, Folder 7 Box 111, Folder 7, ICE Project Number 10392
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
Content Summary: general information/misc (mhe)
- Box 112, Folder 2 Box 112, Folder 2, ICE Project Number 10453
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
Content Summary: (the IC industry)
- Box 112, Folder 4 Box 112, Folder 4, ICE Project Number 10453
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
Content Summary: slide maters of varied corporation info TNJ 06/06/01
- Box 112, Folder 6 Box 112, Folder 6, ICE Project Number 10453
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
Content Summary: Dec. 9-12, 1979
- Box 112, Folder 8 Box 112, Folder 8, ICE Project Number 10454
ICE Folder Name: NORTHERN TELECOM, Mar 07, 1979
- Box 112, Folder 9 Box 112, Folder 9, ICE Project Number 10455
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
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
Content Summary: correspondence

Box 112, Folder 12	Box 112, Folder 12, ICE Project Number 10456 ICE Folder Name: SPIN PHYSICS, INC, Sept 20, 1978 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 Content Summary: contains some 10460
Box 113, Folder 16	Box 113, Folder 16, ICE Project Number 10462 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

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

Content Summary: reports- some masters- strategic alternatives

Box 114, Folder 2

Box 114, Folder 2, ICE Project Number 10464

ICE Folder Name: XEROX DEV. CORP. -EVAL OF OTHER SYSTEMS
COMPANIES, Oct 20, 1978

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

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

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

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

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

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

Content Summary: consulting & talk

Box 115, Folder 1	Box 115, Folder 1, ICE Project Number 10468 ICE Folder Name: ADVANCED PACKAGING TECHNIQUES, Mar 1979 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 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 Content Summary: process spec
Box 115, Folder 4	Box 115, Folder 4, ICE Project Number 10470 ICE Folder Name: EASTMAN KODAK, April 03,1979 Content Summary: facility (production) correspondance
Box 115, Folder 5	Box 115, Folder 5, ICE Project Number 10470 ICE Folder Name: EASTMAN KODAK, April 03,1979 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 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 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 Content Summary: miscellaneous
Box 115, Folder 9	Box 115, Folder 9, ICE Project Number 10472 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

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
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
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
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
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
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
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
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
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 Content Summary: miscellaneous
Box 116, Folder 7	Box 116, Folder 7, ICE Project Number 10475 ICE Folder Name: RIXON-RSW-STUART, March 28, 1979 Content Summary: rixon
Box 116, Folder 8	Box 116, Folder 8, ICE Project Number 10477 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 Content Summary: assigned tasks
Box 116, Folder 10	Box 116, Folder 10, ICE Project Number 10479 ICE Folder Name: SILICON GENERAL, Nov 18, 1979 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 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 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 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 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 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 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 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 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 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 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 Content Summary: correspondence
Box 117, Folder 11	Box 117, Folder 11, 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
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 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 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

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

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

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

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

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

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

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

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

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 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 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 Content Summary: survey hi-rel BIMOS processes
Box 118, Folder 15	Box 118, Folder 15, ICE Project Number 10496 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 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 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 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 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 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
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
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
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
Content Summary: correspondence

Box 119, Folder 10 Box 119, Folder 10, ICE Project Number 10499
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
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
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
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

Content Summary: (contains original photos)

- Box 120, Folder 2 Box 120, Folder 2, ICE Project Number 10503-11
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
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
Content Summary: Rod Schwartz- Motorola- review of the Im 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
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
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
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
Content Summary: additional appendix
- Box 121, Folder 1 Box 121, Folder 1, ICE Project Number 10503-13

ICE Folder Name: TRANS. DES. WORKSHEET, 1979
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
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
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
Content Summary: MOS layout prepared by Henry Edlestein

Box 121, Folder 5 Box 121, Folder 5, ICE Project Number 10503-14
ICE Folder Name: CMOS LAYOUT DESIGN, Feb 5, 1974

Box 121, Folder 6 Box 121, Folder 6, ICE Project Number 10503-14
ICE Folder Name: HENRY EDLESTEIN MASTERS SECTION, Feb 5, 1974

Box 121, Folder 7 Box 121, Folder 7, ICE Project Number 10503-14
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
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
Content Summary: 14610-04], [14738,-01,-02,-03], [10503-14,-15]

Box 121, Folder 10 Box 121, Folder 10, ICE Project Number 10503-15
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
Content Summary: slides/glassine

Box 121, Folder 12 Box 121, Folder 12, ICE Project Number 10503-15
ICE Folder Name: 10503 OLD NOTES & FIGURES, Mar 1978

Box 121, Folder 13 Box 121, Folder 13, ICE Project Number 10503-15
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
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
Content Summary: includes a one 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
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
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
Content Summary: solution for CMOS inverter threshold & slides Roger Schwartz Original's

Box 122, Folder 4 Box 122, Folder 4, ICE Project Number 10503-24

ICE Folder Name: CMOS DESIGN RULES, July 15, 1977
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
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
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
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
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
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
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 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 Content Summary: one "glassine flip chart" MOS model
Box 123, Folder 3	Box 123, Folder 3, ICE Project Number 10503-34 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 Content Summary: (notes & publication)
Box 123, Folder 5	Box 123, Folder 5, ICE Project Number 10503-36 ICE Folder Name: CIRCUIT DESIGN WORKSHOP, 1980
Box 123, Folder 6	Box 123, Folder 6, ICE Project Number 10503-37 ICE Folder Name: LAYOUT WORKSHOP, 1980
Box 123, Folder 7	Box 123, Folder 7, ICE Project Number 10503-40 ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 8	Box 123, Folder 8, ICE Project Number 10503-40A ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 9	Box 123, Folder 9, ICE Project Number 10503-40B ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 10	Box 123, Folder 10, ICE Project Number 10503-40C ICE Folder Name: LOGCAP APPLICATION NOTE, June 24, 1980
Box 123, Folder 11	Box 123, Folder 11, ICE Project Number 10503-41 ICE Folder Name: LOGCAP EXERCISE A, June 24, 1980
Box 123, Folder 12	Box 123, Folder 12, ICE Project Number 10503-41/SN ICE Folder Name: ANSWER TO LOGCAP EXERCISE A, June 24, 1980
Box 123, Folder 13	Box 123, Folder 13, ICE Project Number 10503-42 ICE Folder Name: NMOS METAL GATE DESIGN RULES, 1980
Box 123, Folder 14	Box 123, Folder 14, ICE Project Number 10503-43 ICE Folder Name: NMOS SILICON GATE DESIGN RULE, 1980
Box 123, Folder 15	Box 123, Folder 15, ICE Project Number 10503-44

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
 Content Summary: (for NCR use only)

Box 123, Folder 17 Box 123, Folder 17, ICE Project Number 10503-46
ICE Folder Name: ANSWERS FOR 10503-17 ADDENDUM, Undated

Box 123, Folder 18 Box 123, Folder 18, ICE Project Number 10503-47
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
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
 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
 Content Summary: instructor handout for ICE pub. 10503-49 (notes too)

Box 123, Folder 22 Box 123, Folder 22, ICE Project Number 10503-54
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
 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
 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
 Content Summary: correspondence

Box 124, Folder 4 Box 124, Folder 4, ICE Project Number 10505

	ICE Folder Name: HERMAN MILLER, INC, May 08, 1979 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 Content Summary: Feb. 6, 1980- Rickeys 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 Content Summary: seminar- Phoenix, AZ. Feb. 26-27/80
Box 125, Folder 10	Box 125, Folder 10, ICE Project Number 10513 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 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 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 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 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 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 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 Content Summary: new LSIO facility
Box 126, Folder 6	Box 126, Folder 6, ICE Project Number 10517 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

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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
Content Summary: miscellaneous

Box 127, Folder 11 Box 127, Folder 11, ICE Project Number 10524

ICE Folder Name:., Aug 03, 1979
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

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
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
Content Summary: (grm) 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
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
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
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
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
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
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

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

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

Content Summary: x-ray lithography

Box 129, Folder 2

Box 129, Folder 2, ICE Project Number 10547

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

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

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

Content Summary: Int'nat'l Rectif. Hextet power MOSFET & light-triggered 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

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

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

Content Summary: includes 4 transparencies

Box 129, Folder 9

Box 129, Folder 9, ICE Project Number 10556

ICE Folder Name: HUGHES AIRCRAFT LSI, Aug 1979
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
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
Content Summary: test & eval of 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
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
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
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
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
Content Summary: seminar course material

Box 130, Folder 3 Box 130, Folder 3, ICE Project Number 10560
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

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

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

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

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

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

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, 1979

Content Summary: special seminar - semiconductor fabrication equipment (12-18-79)

Box 131, Folder 2

Box 131, Folder 2, ICE Project Number 10564

ICE Folder Name: FAILURE AVOIDANCE SEMINAR SCOTTSDALE, ARIZONA JUNE 11,12, 1980, Nov 06, 1979

Box 131, Folder 3

Box 131, Folder 3, ICE Project Number 10565

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

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

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, 1979

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

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

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

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

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

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

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

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
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
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
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
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
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
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
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
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 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 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 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 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 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 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 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 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 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

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

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

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

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

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

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

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

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

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
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
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
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
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
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
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
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
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
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

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
Content Summary: semiconductor handlers and equip. mkt. Miscellaneous

Box 136, Folder 8 Box 136, Folder 8, ICE Project Number 10795

ICE Folder Name:
Content Summary: file empty

Box 137, Folder 1 Box 137, Folder 1, ICE Project Number 10819

ICE Folder Name: EXXON ENTERPRISES, Sept 19, 1980
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
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
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
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
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
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

- 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
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
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
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
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
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
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
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
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 Content Summary: (management measuring sticks)
Box 139, Folder 3	Box 139, Folder 3, ICE Project Number 10855 ICE Folder Name: COST INFORMATION, Nov 1979 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 Content Summary: 15-856-2 master copy
Box 139, Folder 5	Box 139, Folder 5, ICE Project Number 10857 ICE Folder Name: GTE PHOENIX IC EVALUATION, Dec 22, 1980
Box 139, Folder 6	Box 139, Folder 6, ICE Project Number 10857 ICE Folder Name: I.C. MARKET STRATEGY SURVEY, Dec 22, 1980
Box 139, Folder 7	Box 139, Folder 7, ICE Project Number 10857 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: Content Summary: empty folder
Box 140, Folder 2	Box 140, Folder 2, ICE Project Number 10858 ICE Folder Name: Content Summary: empty folder
Box 140, Folder 3	Box 140, Folder 3, ICE Project Number 10858 ICE Folder Name: 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 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 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

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
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
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
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
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
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
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
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
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

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
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
Content Summary: gas systems

Box 142, Folder 1 Box 142, Folder 1, ICE Project Number 11675

ICE Folder Name: SUMITOMO, July 30, 1979
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
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
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
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
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
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, June18, 1980
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, June18, 1980
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
Content Summary: engineering services to design microwave micro circuit fabrication process

Box 143, Folder 7 Box 143, Folder 7, ICE Project Number 11800
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
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
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
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
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
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

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

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

ICE Folder Name: CONSULTING - SOLITRON, RIVIERA BEACH, FL, Feb 24, 1981

Box 144, Folder 4

Box 144, Folder 4, ICE Project Number 11886

ICE Folder Name: COORS PORCELAIN, no date

Box 144, Folder 5

Box 144, Folder 5, ICE Project Number 12648

ICE Folder Name: AERORSPACE CORPORATION EL SEGUNDO, CALIF., Feb 21, 1980

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

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

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

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

Content Summary: report. proc. charact. of IMS 1400-55 16k SRAM INMOS mfg, original fig. 5 dwg 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 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 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 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 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 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 DIEGO, CAL.(MRK), Sept 30, 1980 Content Summary: (of MOS devices)
Box 145, Folder 8	Box 145, Folder 8, ICE Project Number 14654 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 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 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 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
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
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
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
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
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
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
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
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
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
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
Content Summary: design training program-oc design, layouts & tracing.

Box 146, Folder 12 Box 146, Folder 12, ICE Project Number 15876

ICE Folder Name: SCIENTIFIC CALCULATIONS INC, Jan 23, 1981
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 Microsytems 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
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Box 148	10359 Sperry UNIVAC Icecap Computer Program
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Box 149	10364 ITT Fiber Optics Consulting
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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
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Box 154	10543 Honeywell
Box 154	10544 Pertec Computer Failure Analysis
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Box 158	11633 Lear Siegler

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Box 165	14710 Failure Analysis Seminar, Palo Alto, CA
Box 165	14711 Implement Seminar, Palo Alto, CA
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Box 174	10580 Bob Noble construction analysis
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Series 17: Litigation, 1968 - 1971

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.

- Box 15, Folder 1 File Name A-1, Folder Number 1, 11/21/1968
- Letter To: Glen Madland From: Jack Brown
Contents: Acknowledgment and statement concerning order imposing plaintiff's interrogatory; blank copy of order imposing confidentiality
- Box 15 File Name A-1, Folder Number 1, No Date
Acknowledgment and statement concerning order imposing confidentiality; signed by Glen Madland
- Box 15 File Name A-1, Folder Number 1, 10/21/1968
- Memo To: Eugene Blanchette From: William Farrow
Contents: Proposal for an advanced wafer fabrication training program
- Box 15 File Name A-1, Folder Number 1, 10/24/1968
- Memo To: Frank Bower From: Glen Madland
Contents: Technical information for Fairchild
- Box 15 File Name A-1, Folder Number 1, 10/24/1968
- Memo To: Eugene Blanchette From: Glen Madland
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 File Name A-1, Folder Number 1, 10/23/1968
- Memo To: Glen Madland From: Harold Bell
Contents: Fairchild Project - work statement for updating and expanding the plastic packaging portion of integrated circuit assembly process compendium
- Box 15 File Name A-1, Folder Number 1, 10/15/1968
- Memo for file By: Glen Madland
Contents: Telephone call from Jack Brown - sending trade secret stipulations from Motorola, concerning expert witnesses
- Box 15 File Name A-1, Folder Number 1, 10/11/1968
- Cover Letter To: Jack Brown From: Glen Madland
Contents: Informing Mr. Brown about ICE expertise with integrated circuit work
- Box 15 File Name A-1, Folder Number 1, 10/10/1968

Memo For File: Fairchild Project #371 By: Glen Madland and Harold Bell
Contents: A tour by Dr. Dan Rose and John Carey (both of Fairchild)

Box 15 File Name A-1, Folder Number 1, 10/15/1968

Letter To: Gene Blanchette From: William Farrow
Contents: Apology for materials arriving late

Box 15, Folder 1 File Name A-1, Folder Number 1, 10/03/1968

Memo For File: Fairchild vs. Motorola By: Glen Madland
Contents: Conversation with Forman Mueller, Motorola Patent Attorney

Box 15 File Name A-1, Folder Number 1, No Date
Page titled "Fairchild" containing one sentence about an upcoming meeting between Bower, Hume and Setos (Fairchild Representatives)

Box 15 File Name A-1, Folder Number 1, 09/23/1968
Call contact report By: Glen Madland

Box 15 File Name A-1, Folder Number 1, 09/29/1968

Contact record between Glen Madland and Roger Borovoy (Project #371)
Contents: Handwritten notes

Box 15 File Name A-1, Folder Number 1, 09/20/1968
Confirmation of telephone conversation To: Roger Borovoy From: Glen Madland

Box 15 File Name A-1, Folder Number 1, 09/19/1968

Cover letter To: William Drummond From: Glen Madland
Contents: Enclosed records pertaining to several phone conversations and letters

Box 15 File Name A-1, Folder Number 1, 09/16/1968

Letter To: Lester Hogan From: Frank Bower
Contents: Motorola vs. Fairchild lawsuit; request to be hired as an outside consultant

Box 15 File Name A-1, Folder Number 1, 09/11/1968

Letter To: Forman Mueller From: Glen Madland
Contents: ICE offering to help in the Motorola vs. Fairchild case

Box 15 File Name A-1, Folder Number 1, 09/19/1968

Memo To: Glen Madland From: H.K. Dicken
Contents: Legal consulting matters

Box 15 File Name A-1, Folder Number 1, 09/18/1968

Memo for file: Fairchild By: Glen Madland
Contents: Conference with Les Hogan

Box 15, Folder 2 File Name A-2, Folder Number 2, No Date

Memo To: Glen Madland From: Howard Dicken
Contents: Re: Fairchild Repor

Box 15, Folder 3 File Name A-2, Folder Number 3, 10/22/1968

List of AD# ordered under project #371 for Fairchild
Contents: Also included: Terms for engineering services and a Forbes Magazine Article

Box 15, Folder 4 File Name A-2, Folder Number 4, 05/21/1969

Memo for all council
Contents: Re: Agenda

Box 15, Folder 5 File Name A-2, Folder Number 5, 04/21/1969

Letter To: Mark Wilmer From: Jack Brown
Contents: Glen Madland wants to extend confidentiality of Fairchild case to VP Howard Dicken and engineer David Krent

Box 15, Folder 6 File Name A-2, Folder Number 6, 10-03-1968

Memo for file By: Glen Madland
Contents: Re: Conversation with Forman Mueller

Box 15, Folder 7 File Name A-2, Folder Number 7, No Date

Letter To: William Drummond From: Glen Madland
Contents: Re: Letter to Forman Mueller

Box 15, Folder 8 File Name A-2, Folder Number 8, 03/14/1968

Letter To: Jack Brown From: Glen Madland
Contents: Re: Case fabrication sequence

Box 15, Folder 9 File Name A-2, Folder Number 9, 03/03/1969

Letter To: Gene Blanchette From: Jack Brown
Contents: Discussing a letter from Glen Madland and if it should be openly distributed

Box 15, Folder 10 File Name A-2, Folder Number 10, 02/27/1969

Letter To: Jack Brown From: Glen Madland
Contents: Letter questioning if an ICE report should be restricted

Box 15, Folder 11 File Name A-2, Folder Number 11, 02/20/1969

Minutes
Contents: Re: Meeting on 02/18/1969 about the next Fairchild proposal

Box 15, Folder 12 File Name A-2, Folder Number 12, No Date

Memo To: Glen Madland From: Howard Dicken
Contents: Recommending high price and marketing approach for a report that exposes Fairchild's weak spots to discourage buyers

Box 15, Folder 13 File Name A-2, Folder Number 13, 01/30/1969

Letter To: Glen Madland From: Jack Brown
Contents: Questions about a task report and seeking clarification

Box 15, Folder 14 File Name A-2, Folder Number 14, 01/02/1969

Note To: Glen Madland From: Paul Eckstien
Contents: Re: cover Letter for Tarzian option

Box 15, Folder 15 File Name A-2, Folder Number 15, 12/31/1968
Call report to Fairchild

Box 15, Folder 16 File Name A-2, Folder Number 16, 10/10/1968

Memo for file By: Glen Madland
Contents: Questions and clarifications about a task report

Box 15, Folder 17 File Name A-2, Folder Number 17, 10/10/1968

Memo for file By: Glen Madland
Contents: Meeting with Gene Blanchette of Fairchild on 10/09/1968 for project #371

Box 15, Folder 18 File Name A-2, Folder Number 18, No Date

Quotes for Gene Blanchette By: Glen Madland
Contents: Reference to proposal #104, 1075, 1076, 1077, 1078

Box 15, Folder 19 File Name A-2, Folder Number 19, No Date

Memo for file: Fairchild By: Glen Madland
Contents: Meeting with gene Blanchette 10/08/1968 for Project #371

Box 15, Folder 20 File name A-2, Folder Number 20, 10/24/1968

Letter To: Gene Blanchette From: Glen Madland
Contents: Summary of tasks assigned to ICE - includes lists, work statements and estimated man hours

Box 15, Folder 21 File Name A-2, Folder Number 21, 09/20/1968

- Letter To: Roger Borovoy From: Glen Madland
Contents: Contract making ICE a Fairchild consultant - signed by Nelson Stone
- Box 15, Folder 22 File Name A-2, Folder Number 22, No Date (10/08/1968)
7 sheets of graph paper that appear to be the rough draft of the last memo (10/24/1968)
- Box 15, Folder 23 File Name A-2, Folder Number 23, 09/19/1968

Memo To: Glen Madland From H.K. Dicken
Contents: Legal consulting
- Box 15, Folder 24 File Name A-2, Folder Number 24, 09/19/1968

Letter To: William Drummond From: Glen Madland
Contents: ICE acting as a witness for Fairchild
- Box 15, Folder 25 File Name A-2, Folder Number 25, 09/11/1968

Letter To: Forman Mueller From: Glen Madland
Contents: Offering ICE reference library to Motorola
- Box 15, Folder 26 File Name A-2, Folder Number 26, 09/16/1968

Memo To: Les Hogan From Frank Bower
Contents: ICE Assisting Fairchild
- Box 15, Folder 27 File Name A-2, Folder Number 27, 09/18/1968

Memo for file: Fairchild By: Glen Madland
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, Folder 28 File Name A-2, Folder Number 28, 08/30/1968

Letter To: Leo Dwork From: Glen Madland
Contents: Offering services to Fairchild and introducing ICE
- Box 15, Folder 29 File Name A-2, Folder Number 29, 09/18/1968

Letter To: Dr. Lester Hogan From: Frank Bower
Contents: Personal letter to welcome Hogan to the Bay Area and to offer ICE services
- Box 15, Folder 30 File Name A-2, Folder Number 30, No Date

Packet of Papers
Contents: 4:1 ETCH solution; Emitter diffusion; P base diffusion; Isolation diffusion; EPO growth; Buried layer diffusion; SiO₂; Initial oxidation

procedure; Pattern wafer cleaning before diffusion - method E; Pattern wafer cleaning before diffusion - method D

- Box 15, Folder 31 File Name A-2, Folder Number 31, 10/21/1968
Proposal #1077 To: Fairchild (Eugene Blanchette) From: William G. Farrow
- Box 15, Folder 32 File Name A-2, Folder Number 32, 09/20/1968

Letter To: Roger Borovoy From: Glen Madland
Contents: Expressing concerns about Motorola making claims against ICE because they are helping Fairchild
- Box 15, Folder 33 File Name A-2, Folder Number 33, 09/19/1968

Memo To: William Drummond From: Glen Madland
Contents: Re: Misc. enclosed letters
- Box 15, Folder 34 File Name A-2, Folder Number 34, 10/15/1968

Letter To: Gene Blanchette From: William Farrow
Contents: Apology for late delivery
- Box 15, Folder 35 File Name A-2, Folder Number 35, 10/03/1968

Memo for file: Fairchild, Motorola By: Glen Madland
Contents: Conversation with Forman Mueller - Potential trade secret material existed in ICE books didn't help in Motorola's claims
- Box 15, Folder 36 File Name A-2, Folder Number 36, 10/23/1968

Memo To: Glen Madland From: Harold Bell
Contents: Fairchild: work statement for updating and expanding the plastic packaging portion of integrated circuit assembly process compendium
- Box 15, Folder 37 File Name A-2, Folder Number 37, 10/15/1968

Memo for file By: Glen Madland
Contents: Call from Jack Brown - Sending draft of trade secret stipulations
- Box 15, Folder 38 File Name A-2, Folder Number 38, 10/10/1968

Memo for file By: Glen Madland
Contents: Visit by Fairchild representatives Dr. Dan Rose, John Carey
- Box 15, Folder 39 File Name A-2, Folder Number 39, 10/24/1968
Task assignments To: Howard Dicken From: Frank Bower
- Box 15, Folder 40 File Name A-2, Folder Number 40, 10/1968

Proposal #1074
Contents: Advanced fabrications training program for Fairchild Corp.

Box 15, Folder 41 File Name A-2, Folder Number 41, No Date
Rough draft of a letter to Roger Borovoy By: Glen Madland

Box 15, Folder 42 File Name A-2, Folder Number 42, No Date

Memo for file: Fairchild By: Glen Madland
Contents: Conference with Les Hogan and his staff on 09/22/1968 and Jack Brown & John Ross (Fairchild attorneys 09/24/1968)

Box 15, Folder 43 File Name A-2, Folder Number 43, No Date
Rough statement of work objectives

Box 16, Folder 1 File Name A-2, Folder Number 1, 09/20/1968

Letter To: Roger Borovoy From: Glen Madland
Contents: Offer services to Fairchild

Box 16, Folder 2 File Name A-2, Folder Number 2, 09/19/1968

Letter To: Roger Borovoy From: William Drummond
Contents: Same memo as one listed on 09/20/1968 from Glen Madland to Roger Borovoy

Box 16, Folder 3 File Name A-2, Folder Number 3, 09/26/1968

Call report: Fairchild To: Roger Borovoy From: Glen Madland
Contents: Set-up tool communications with two people

Box 16, Folder 4 File Name A-2, Folder Number 4, 09/19/1968

Memo To: Glen Madland From: H.K. Dicken
Contents: Re: Legal Consulting (incomplete document)

Box 16, Folder 5 File Name A-2, Folder Number 5, 09/16/1968
Letter To: Les Hogan From: Frank Bower

Box 16, Folder 6 File Name A-3, Folder Number 6, 03/31/1969

Fairchild File #380
Contents: TAC-Transistor automation system for handling semiconductor die while maintaining orientation

Box 16, Folder 7 File Name A-3, Folder Number 7, 01/22/1971

Letter To: Glen Madland From: Roger Borovoy
Contents: Re: Payment for consulting

Box 16, Folder 8 File Name A-3, Folder Number 8, 11/03/1970

Packet of papers To: Jack Brown From: Glen Madland

Contents: Enclosed information on public knowledge of trade secrets concerning aluminum epitaxial transistors (2 copies)

Box 16, Folder 9 File Name A-3, Folder Number 9, 10/19/1970

Letter To: Glen Madland From: Roger Borovoy
Contents: Payment to ICE

Box 16, Folder 10 File Name A-3, Folder Number 10, No Date
Photocopy of double epitaxial isolation method for integrated circuit transistors

Box 16, Folder 11 File Name A-3, Folder Number 11, No Date
Handwritten note

Box 16, Folder 12 File Name A-3, Folder Number 12, 09/17/1970

Memo for file: Project #380 By: Glen Madland
Contents: Review of additional trade secrets filled 06/26/1970

Box 16, Folder 13 File Name A-3, Folder Number 13, 01/31/1969

Copy of Power Transistor Bulletin
Contents: Re: Aluminum headers

Box 16, Folder 14 File Name A-3, Folder Number 14, No Date
Photocopied article from Electronic

Box 16, Folder 15 File Name A-3, Folder Number 15, 11/18/1970

Letter To: Glen Madland From: Roger Borovoy
Contents: Request details of consulting provided (Jack Brown sent invoice 04323)

Box 16, Folder 16 File Name A-3, Folder Number 16, 07/31/1970

Packet of papers To: Glen Madland From: Roger Borovoy
Contents: Review three trade secret item

Box 16, Folder 17 File Name A-3, Folder Number 17, No Date
Single page from an ICE manual

Box 16, Folder 18 File Name A-4, Folder Number 18, No Date
Bound ICE report

Box 17, Folder 1 File Name B-1, Folder Number 1, No Date

Packet of papers To: Jack Brown From: Glen Madland
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, Folder 2 File Name B-1, Folder Number 2, 03/04/1969
Affidavit of Charles S. Granieri in support of plaintiff's response to defendant's motion for production of documents
- Box 17, Folder 3 File Name B-1, Folder Number 3, 03/27/1969

Letter To: Roger Borovoy From: Jack Brown
Contents: Sending affidavit for Mr. Borovoy to sign
- Box 17, Folder 4 File Name B-1, Folder Number 4, 02/02/1970

Packet and cover letter To: Jack Brown From: Glen Madland
Contents: Information on alleged trade secrets (categorization and brief description)
- Box 17, Folder 5 File Name B-1, Folder Number 5, 12/05/1969

Packet and cover letter To: Glen Madland From: Jack Brown
Contents: Draft copy of categorization and brief description of alleged trade secrets
- Box 17, Folder 6 File Name B-1, Folder Number 6, 03/04/1969
Affidavit of Harold Mumma in support of plaintiff's response to defendant's motion for production of documents
- Box 17, Folder 7 File Name B-1, Folder Number 7, 03/04/1969
Affidavit of Eugene E. Segerson in support of plaintiff's response to defendant's motion for production of documents
- Box 17, Folder 8 File Name B-1, Folder Number 8, No Date
Affidavit No Civ. 6080 Phx. --Roger Borovoy
- Box 17, Folder 9 File Name C-1, Folder Number 9, No Date
Plaintiff's Interrogatory #1
- Box 17, Folder 10 File Name C-1, Folder Number 10, 02/21/1969

Packet of papers To: Glen Madland From: Jack Brown
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, Folder 11 File Name C-1, Folder Number 11, 03/1969
Sworn statement of Roger Borovoy
- Box 18, Folder 1 File Name D-1, Folder Number 1, 05/15/1970

Memo for file: Motorola v. Fairchild
Contents: 1. Trade secret #6 (Semiconductor wafer dicing) 2. Trade Secret #71 (Assembly line and procedure --review of Ikeda patent)
- Box 18, Folder 2 File Name D-1, Folder Number 2, 04/17/1969

- Packet of papers
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, Folder 3 File Name D-1, Folder Number 3, 03/31/1969

 Affidavit of Kenneth G. Dieker
 Contents: Manager of Administrative Services of Fairchild Semiconductor Division
- Box 18, Folder 4 File Name D-1, Folder Number 4, 03/26/1969

 Motion for order pursuant to Rule 34
 Contents: Requiring Fairchild to produce and permit entry by Motorola
- Box 18, Folder 5 File Name D-1, Folder Number 5, 03/26/1969
 Affidavit of Charles Granieri in support of plaintiff's response to defendant's motion for production of documents served 03/04/1969
- Box 18, Folder 6 File Name D-1, Folder Number 6, 03/26/1969
 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, Folder 7 File Name D-1, Folder Number 7, 03/26/1969
 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, Folder 8 File Name D-1, Folder Number 8, 04/09/1969

 Response to defendant's memorandum dated 04/03/1969
 Contents: Defendant's Rule 34 motion
- Box 18, Folder 9 File Name D-1, Folder Number 9, 03/17/1969
 Response to motion for production of documents served 03/04/1969
- Box 18, Folder 10 File Name D-1, Folder Number 10, 03/31/1969
 Memorandum in reply to plaintiff's response to defendant's motion to produce
- Box 18, Folder 11 File Name D-1, Folder Number 11, 03/31/1969
 Affidavit of Gordon E. Moore
- Box 18, Folder 12 File Name D-1, Folder Number 12, No Date
 Technical Film Theatre --Program
- Box 18, Folder 13 File Name D-1, Folder Number 13, No Date
 Two pieces of paper taped together to make a planning chart
- Box 18, Folder 14 File Name E-1, Folder Number 14, No Date

- Large packet of documents; Cover letter To: Nelson Stone From: Jack Brown
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, Folder 1 File Name F-1, Folder Number 15, No Date
- An ICE report
 Contents: Review of semiconductor fabrication technology - Prepared for Fairchild Semiconductor Division
- Box 19, Folder 1 File Name G-1, Folder Number 1, No Date
- Complaint (Approx. 40 pages) Civ. No. 6808 Phx.
 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, Folder 2 File Name G-1, Folder Number 2, No Date
- 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, Folder 3 File Name H-1, Folder Number 3, No Date
- Loose papers that are divided and appear to have been in a three-ring binder
 Contents: Re: Technical procedures
- Box 19, Folder 4 File Name I-1, Folder Number 4, 03/12/1971
- Call report By: Glen Madland - Conversation with Jack Brown
 Contents: Re: ICE consulting program --concern over Motorola changing and strengthening their case (2 copies)
- Box 19, Folder 5 File Name I-1, Folder Number 5, 03/12/1971
- Letter To: Roger Borovoy From: Glen Madland
 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, Folder 6 File Name I-1, Folder Number 6, 03/15/1971
- Letter To: Glen Madland From: Roger Borovoy
 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, Folder 7 File Name I-1, Folder Number 7, 02/26/1971

- Call report By: Glen Madland -- Conversation with Les Hogan
Contents: Re: Consulting --New Fairchild internal organization char included (handwritten)
- Box 19, Folder 8 File Name I-1, Folder Number 8, 02/17/1971
- Call report By: Glen Madland -- Conversation with Roger Borovoy
Contents: Re: Mr. Borovoy received the wrong invoice from ICE
- Box 19, Folder 9 File Name I-1, Folder Number 9, 04/26/1971
- Letter To: Glen Madland From: Roger Borovoy
Contents: Acknowledgment that Fairchild owed ICE \$1100.00 and authorization of payment
- Box 19, Folder 10 File Name I-1, Folder Number 10, 11/03/1970
- Stapled packet of papers To: Jack Brown From: Glen Madland
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, Folder 11 File Name I-1, Folder Number 11, 07/28/1970
- Letter and contract To: Roger Borovoy From: Glen Madland
Contents: Consulting terms and conditions
- Box 19, Folder 12 File Name I-1, Folder Number 12, 11/26/1969
- Letter To: Roger Borovoy From: Glen Madland
Contents: Re: ICE located ½ billion government reports --a fraction related to integrated circuit processing
- Box 19, Folder 13 File Name I-1, Folder Number 13, 10/27/1969
- Letter To: Roger Borovoy From: Glen Madland
Contents: Preparing a bibliography of source material for litigation case
- Box 19, Folder 14 File Name I-1, Folder Number 14, 11/03/1969
- Letter To: Glen Madland From: Roger Borovoy
Contents: Response to #13 letter (2 copies)
- Box 19, Folder 15 File Name I-1, Folder Number 15, 11/03/1970
- Letter To: Jack Brown From: Glen Madland
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, Folder 16 File Name I-2, Folder Number 1, No Date

- Copies of previously cataloged correspondence that has been bound together
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, 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
Contents: Re: Publication of "A Review of semiconductor Fabrication Technology"
- Box 20 File Name I-2, Folder Number 1 (cont.), Exhibit #51 03/14/1969

Confidential letter To: Jack Brown
Contents: Re: Copy of Motorola vs. Fairchild Cross-Index
- Box 20 File Name I-2, Folder Number 1 (cont.), Exhibit #50

Letter To: Roger Borovoy From: Jack Brown
Contents: Re: Information on government publications
- Box 20 File Name I-2, Folder Number 1 (cont.), Exhibit #49
Memo To : Glen Madland
- Box 21, Folder 1 File Name J-1, Folder Number 1, No Date

Motorola vs. Fairchild - Civil Action 36808 -- Phx.
Contents: Defendant's answers to Plaintiff's interrogatories served 11/19/1968
- Box 21 Other litigation actions involving ICE
- Box 1, Folder 1 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968

Contents: Correspondence 1975/1976

Summary: arsenic bomb
- Box 1, Folder 2 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968

Contents: Attorney Work Product

Summary: review of TTL Silicon Wafer Process Technology - Raytheon v. Intersil
- Box 1, Folder 3 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968

Contents: Attorney Work Product
Summary: review of semiconductor instrumentation

Box 1, Folder 4 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968

Box 1, Folder 5 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Economics
Summary: process, products, cost & time

Box 1, Folder 6 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Attorney Work Product
Summary: arsenic diffusion -bomb-

Box 1, Folder 7 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Correspondence
Summary: gold -bomb-

Box 1, Folder 8 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Newspaper Reports, Advertising, etc.

Box 1, Folder 9 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Raytheon from Publications

Box 1, Folder 10 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Yield
Summary: task 7, 15

Box 1, Folder 11 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Motorola v. Fairchild Used in Raytheon v. Intersil

Box 1, Folder 11 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil (file 12), 11/01/1968
Contents: 1974 Supporting Research

Summary: Raytheon v. Intersil -diffusion- bomb

Box 1, Folder 12 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Interrogatories & Supporting Materials

Box 2, Folder 1 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Vol. I Material, Diffusion, Gold, Summary (bomb)
Summary: trial book index

Box 2, Folder 2 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968

Box 2, Folder 3 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968

Box 2, Folder 4 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Yield - The Blue Room - Q#37
Summary: LSI Ref w/ orig transcript of witness ICE

Box 2, Folder 5 ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Comparison of Processing
Summary: incl. articles (task 16)

Box 2, Folder 6 Box 2, Folder 6, ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Raytheon Sixth Interrogatories to Defendants
Summary: note: incl. diffusion (bomb) neg. exhibit plate (task 21)

Box 2, Folder 7 Box 2, Folder 7, ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil (file 13), 11/01/1968
Contents: Exhibit Items & Research Material
Summary: diffusion - bomb Raytheon v. Intersil

Box 2, Folder 8 Box 2, Folder 8, ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil (file 14), 11/01/1968
Contents: 1971 Hearing - Hand notes, Photographs
Summary: specs on: IC CM2100 64bit read/write memory

- Box 3, Folder 1 Box 3, Folder 1, ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Vol. VI Market Position & Value of Process
Summary: history-development-production Raytheon v. Intersil
- Box 3, Folder 2 Box 3, Folder 2, ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Vol. II Bipolar Pocess Comparison Matrix
Summary: trial book index
- Box 3, Folder 3 Box 3, Folder 3, ICE Project Number 10912
ICE Folder Name: Raytheon v. Intersil, 11/01/1968
Contents: Vol. IV 6th Interrog. A) Response to Raytheon's 6th to Defendants B)
Reverse Engineering
Summary: trial book index
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Box 6, Folder 28	1318-1324, undated
Box 6, Folder 29	?A, KE04?2-KE04?3, undated
Box 7, Folder 1	Quartz Products Company, 0040-001 - 0040-002, undated
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Box 7, Folder 5	0332-001 - 0332-002, undated
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Box 7, Folder 7	0414-001 - 0414-010, undated
Box 7, Folder 8	Thomson Industries Inc. 0430-001, undated
Box 7, Folder 9	0510-001 - 0510-007, undated
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Box 7, Folder 15	0612-001 - 0621-012, undated
Box 7, Folder 16	Bruce Industrial Controls Inc., 0625-001, undated
Box 7, Folder 17	Peak Systems Inc., 0653-001, undated
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Box 7, Folder 23	0770-001 - 0770-025, undated
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Series 19: Audio Visual Materials, undated

Subseries 19.1: Audio Cassettes, undated

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Box 1, Item OTC 600.3	BT Seminar, Tape 5-6
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Subseries 19.2: Master Video Tapes (3/4"), 1979

Box 1, Item MV 600.1	Integrated Circuit Resistor Design, Part 1, Session 1, 1979
Box 1, Item MV 600.2	Integrated Circuit Resistor Design, Part 1, Session 1, 1979
Box 1, Item MV 600.3	Integrated Circuit Resistor Design, Part 1, Session 2, 1979
Box 1, Item MV 600.4	Integrated Circuit Resistor Design, Part 1, Session 2, 1979
Box 1, Item MV 600.5	Integrated Circuit Resistor Design, Part 1, Session 2, 1979
Box 1, Item MV 600.6	Transistor Design, Part 1, Session 1, 1979
Box 1, Item MV 600.7	Transistor Design, Part 1, Session 1, 1979
Box 1, Item MV 600.8	Transistor Design, Part 1, Session 2, 1979
Box 1, Item MV 600.9	Transistor Design, Part 1, Session 2, 1979
Box 1, Item MV 600.10	Transistor Design, Part 1, Session 2, 1979
Box 2, Item MV 600.11	Transistor Design, Part 1, Session 3, 1979
Box 2, Item MV 600.12	Transistor Design, Part 1, Session 3, 1979
Box 2, Item MV 600.13	Transistor Design, Part 1, Session 3, 1979
Box 2, Item MV 600.14	Transistor Design, Part 1, Session 4, 1979
Box 2, Item MV 600.15	Transistor Design, Part 1, Session 4, 1979

Box 2, Item MV 600.16	Transistor Design, Part 1, Session 4, 1979
Box 2, Item MV 600.17	Transistor Design, Part 1, Session 5, 1979
Box 2, Item MV 600.18	Transistor Design, Part 1, Session 5, 1979
Box 2, Item MV 600.19	Transistor Design, Part 1, Session 5, 1979
Box 2, Item MV 600.20	Transistor Design, Part 1, Session 6, 1979
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Box 2, Item MV 600.22	Transistor Design, Part 1, Session 6, 1979

Subseries 19.3: Compact Disks, undated

Box 3	#1 Samsung KM44C4000J-7
Box 3	#2 Micron Semiconductor
Box 3	#3 Xicor X28C010J-20
Box 3	#4 Actel A1440
Box 3	#5 ISSI IS27HC010
Box 3	#6 Atmel AT27C0101-45DC
Box 3	#7 National Semiconductor
Box 3	#8 QLogic
Box 3	#9 Maxim
Box 3	#10 Chip Express
Box 3	#11 Motorola XC56002PV80
Box 3	#12 UMC UM 613264F-7
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Box 3	#20 SGS-Thomson M17C1001
Box 3	#21 SGS-Thomson 93C46CB1
Box 3	#23 Xicor X25020P
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Box 4	#25 Sony CXK5B16120J-12
Box 4	#26 Toshiba TC5165165AFT-50
Box 4	#27 Dallas Semiconductor DSC80C320
Box 4	#28 AMD Mach5 512 Complex Programmable Logic Device
Box 4	#29 AMD Mach5-256 Programmable Logic Device
Box 4	#30 Fujitsu MB81G8322-010 (2 copies)
Box 4	#31 Hitachi HM5283206FP10
Box 4	#32 Samsung KM4132G271Q-10
Box 4	#33 Mosel Vitelic MS62256CII-70PC
Box 4	#34 NEC D481850GE-A10
Box 4	#35 Toshiba TC86R10000-200
Box 4	#36 Winbond W2E512
Box 4	#37 NEC D23C3200A
Box 4	#38 DEC SA-110S StrongARm
Box 4	#39 Lattice GAL22LV10D-4LJ
Box 4	#40 Analog Devices ADSP-21062 KS-160
Box 4	#41 Lattice 3256A-90LM
Box 4	#42 Micron Semiconductor MT4LC16M4H9 (2 copies)

Box 4	#43 Intel 200MHz Pentium Processor
Box 4	#44 Advanced Micro Devices 200MHz K6 Microprocessor (2 copies)
Box 5	#45 Intel 266 MHz 32 bit Pentium II (Klamath) Processor
Box 5	#46 Atmel AT89C2051 and AT89S8252
Box 5	#47 Xilinx XC4036Ex
Box 5	#48 Oki M5117805A-60J 16Mbit DRAM (EDO)
Box 5	#49 Rockwell 11577-11 Digital Correlator
Box 5	#50 NKK NR4645LQF-133 64-bit RISC Processor
Box 5	#51 Sharp LH28F032SUTD-70 32Mbit Flash EEPROM
Box 5	#52 VTC VM365830VSJ pre-AMP
Box 5	#53 Toshiba TC58A040F 4Mbit NAND EEPROM
Box 5	#54 Motorola PC603R Microprocessor
Box 5	#55 Rockwell R6732-13 RF to IF Down Converter
Box 5	#56 Xilinx XC4036XL-1C FPGA
Box 5	#57 AMD/Vantis MACHL V466-10 EEPLA
Box 5	#58 Silicon Systems 32R220R Read/Write Device
Box 5	#59 Qlogic ISP1040B SCSI I/O Processor
Box 5	#60 PLX Technology PCI 9080 I/O Accelerator
Box 5	#61 SGS-Thomson M28C64-121 64K EEPROM
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Box 7, Folder 1-4	Status Reports, 1996-1998
Box 7, Folder 5-8	Successful Technologies Review, 1995-1998
Box 7, Folder 9	Wireless Communications, 1996
Box 8	MicroAge Video Monthly, 1990-11 <i>1 videocassettes (vhs)</i> Includes Industry Update, Sales Strategies, Technical Support, Principal's File Total Run-Time: 40:17

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Series 20: Miscellaneous, 1986-1998

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Box 1, Folder 3	Interviews (Folder #2), 1992-1996
Box 1, Folder 4	Journal Articles, 1995-1997
Box 1, Folder 5	Miscellaneous, 1996
Box 1, Folder 6	Motorola Europe Plan, 1991
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Box 1, Folder 9	Seminar Folders, undated
Box 1, Folder 10	Seminar Handouts, 1994-1997
Box 1, Folder 11	Web Articles, 1997-1998
Map-folder 1	ICE Providing Knowledge You Need When You Need It, DEC Alpha AXP 21164 64 bit Microprocessor , undated <i>1 poster</i>
Map-folder 1	The Making of an Integrated Circuit, 1991 <i>1 poster</i>
Map-folder 1	Silicon Valley Genealogy , 1995 <i>1 poster</i>
Map-folder 1	ICE Gets the Inside Information on IC Quality and Technology , undated <i>2 posters</i>

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