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Collection Overview

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

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 4: Construction Analysis, 1997, undated
- Series 5: Information Reports, 1966-1986
- Series 7: Packaging, 1982
- Series 8: Company Profiles, 1991-1995
- Series 11: Artwork, undated
- Series 12: Trade Catalogs, undated
- Series 13: Hybrid Circuits, undated
- Series 14: ASIC (Application Specific Integrated Circuit) Outlook, 1984-1997
- Series 15: TASC Files, undated
- Series 16: Project, undated
- Series 17: Litigation, 1968-1971, undated
- Series 18: Audio Visual Materials, undated
Names and Subject Terms

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

Subjects:
   Integrated circuits
   Semiconductors

Types of Materials:
   Newsletters -- 1950-2000
   Records

Names:
   Project Socrates.
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 (Series 1)  ICE Sales Guide, Two Part Brochures, and publication Introduces ICE

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

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

Excerpts from Status 1984

Introduction to Status '84 - page ix

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...

Return to Table of Contents
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 histograms. A sampling of six reports a year from ICE's growing list (as of 1996, over 500 reports). The reports are aimed at IC users who need reliable information on component quality for part qualification purposes, and IC manufacturers who need to stay abreast of competitive technologies.

Box 1 (Series 2)  Spiral Notebooks 1-32 (9, 25 missing)
Box 2 (Series 2)  Spiral Notebooks 33-62 (40, 56-58 missing)
                 One unknown book
Box 3 (Series 2)  Bound Volumes 1-21 (unconfirmed, loose in binders)
Box 4 (Series 2)  Bound Volumes 22-36 (26 missing)
Box 5 (Series 2)  Bound Volumes 37-68 (40, 56-59, 63-67 missing)
Box 6 (Series 2)  Working Files 1-9 (includes old and new 8)
Box 7 (Series 2)  Working Files 10-22 (21 missing)
Box 8 (Series 2)  Working Files 23-59 (out of order, some are not complete)
Box 9 (Series 2)  Working Files 60-
                 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  MOS Fully Decoded Random Access 1024 Bit Dynamic memory Circuits from four manufacturers

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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

A randomly selected PE as an example of a typical evaluation

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

We have randomly included several abstracts below.

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

Product Evaluations: Bound Volumes

Box 1 (Series 3) PE 101 Intel MCS-80/85 Microcomputer Peripherals MD 8212, MD8224, MD8228 and MC8251 - 1977

Box 1 (Series 3) PE 102 Texas Instruments SBP 9900 16-Bit I2L Microprocessor - 1977

Box 1 (Series 3) PE 103 Motorola 6800 Family Microcomputer Peripherals MC6820, MC6850, MC6852 and MC6860 - 1977

Box 1 (Series 3) PE 104 RADC Advanced Micro Devices, Inc. (AMD) Am 2909 - 1977

Box 1 (Series 3) PE 105 RADC AMD Am2915, Am2916, and Am2917 - 1977

Box 1 (Series 3) PE 106 RADC Motorola MC6800 Microprocessor PE-24 - 1977

Box 1 (Series 3) PE 107 RADC AMD Am 2918 Quad D Register - 1977

Box 1 (Series 3) PE 108 RADC Motorola MC6830L8 and XC6840L -1977

Box 1 (Series 3) PE 109 RADC Motorola MC6854 - 1977

Box 1 (Series 3) PE 110 RADC Intel 8259 - 1977

Box 1 (Series 3) PE 111 RADC Intel C8255 - 1977

Box 1 (Series 3) PE 112 RADC Intel C8257 - 1977
Box 1 (Series 3)  PE 113 RADC AMD Am 2901 Microprocessor PE 25,28 - 1977
Box 1 (Series 3)  PE 114 RADC Motorola MC6802 - 1977
Box 1 (Series 3)  PE 115 RADC Motorola MC 6846BQCS
Box 1 (Series 3)  PE 116 RADC Intel MD2147
Box 1 (Series 3)  PE 117 RADC Intel 8085A 8-Bit Microprocessor
Box 1 (Series 3)  PE 118 RADC Harris HD-15530 -1979
Box 1 (Series 3)  PE 119 RADC AMD Am2910 - 1979
Box 1 (Series 3)  PE 120 RADC AMD Am2903 - 1979
Box 1 (Series 3)  PE 121 RADC AMD Am9511 APU
Box 1 (Series 3)  PE 122 RADC Motorola MC10800 - 1979
Box 1 (Series 3)  PE 123 RADC Motorola MC10801- 1979
Box 1 (Series 3)  PE 124 RADC Zilog Z80-CPU 8-bit NMOS Microprocessor - 1979
Box 2 (Series 3)  PE 125 Zilog Z80-CTC
Box 2 (Series 3)  PE 126 Zilog Z80-PIO
Box 2 (Series 3)  PE 127 Zilog Z80-DMA
Box 2 (Series 3)  PE 128 Zilog Z80-SIO
Box 2 (Series 3)  PE 129 Harris HM1-6100 12-bit Microprocessor
Box 2 (Series 3)  PE 130 RADC Intel 8048/8035
Box 2 (Series 3)  PE 131 RADC Fairchild 93481
Box 2 (Series 3)  PE 132 RADC Fairchild 9440 16-bit Microprocessor
Box 2 (Series 3)  PE 133 RADC Intel 8086 16-bit Microprocessor
Box 2 (Series 3)  PE 134 RADC Intel 8088 8-bit Microprocessor
Box 2 (Series 3)  PE 135 RADC Motorola MC6845 CRT Controller
Box 2 (Series 3)  PE 136 RADC Fairchild 9442DC I/O BUS Controller
Box 2 (Series 3)  PE 137 RADC Motorola MC68488
Box 2 (Series 3)  No 138
Box 2 (Series 3)  PE 139 RADC Zilog Z8001
Box 2 (Series 3)  PE 140 RADC Zilog Z8002
Box 2 (Series 3)  PE 141 RADC Intel 8288 BUS Controller
Box 2 (Series 3)  PE 142 RADC Motorola MC68000 16-bit Microprocessor
Box 2 (Series 3)  PE 143 RADC Texas Instruments TMS2516 16K E-PROM
Box 2 (Series 3)  PE 144 RADC Intel D2118 16K Dynamic RAM
Box 2 (Series 3)  PE 145 Zilog Z8MCU - 1982
Box 2 (Series 3)  PE 146 Zilog Z8010 MMU - 1981
Box 2 (Series 3)  PE 147 Zilog Z8036 CIO - 1982
Box 2 (Series 3)  PE 148 Intel 8289 - 1982
Box 3 (Series 3)  Basic Technology (7th edition)
Box 3 (Series 3)  Microcircuit Manufacturers Control Handbook (2nd Edition)
Box 3 (Series 3)  No 149
Box 3 (Series 3)  PE 150 AMI s3505 - 1982
Box 3 (Series 3)  PE 151 Intel 2816 - 1983
Box 3 (Series 3)  PE 152 Intel 8087 - 1983
Box 3 (Series 3)  PE 153 Xicor X2210 - 1983
Box 3 (Series 3) PE 154 RCA MWS5114 - 1983
Box 3 (Series 3) PE 155 Intel 2920 - 1983
Box 3 (Series 3) No 156
Box 3 (Series 3) PE 157 Intel 8089 - 1983
Box 3 (Series 3) PE 158 SG 1525A - 1983
Box 3 (Series 3) PE 159 Analog Devices AD41335 - 1983
Box 3 (Series 3) No 160
Box 3 (Series 3) PE 161 AMD Am29116 - 1983
Box 4 (Series 3), Folder 1 PE 101 (RADC 10215 A) Intel MD81212, MD8224, MD8228, MC8251 - 1977
Box 4 (Series 3), Folder 2 PE 102 (10215 B) TI SBP9900
Box 4 (Series 3), Folder 3 PE 103 (10215 C) Motorola MC6820, MC6850, MC6852, MC6860 - 1977
Box 4 (Series 3), Folder 4 PE 104 (10215 D) AMD AM2909DM-B, AM2902DM-B
Box 4 (Series 3), Folder 5 PE 105 (10215 E) Am 2915, Am2916, Am2917 - 1977
Box 4 (Series 3) No PE 106
Box 4 (Series 3), Folder 6 PE 107 (10215 F) AMD AM 2918-DMB
Box 4 (Series 3), Folder 7 PE 108 (10215 G) Motorola MC6840, MC6830, MC6854 - 1977
Box 4 (Series 3), Folder 8 PE 109 (10215 A) Motorola MC6854, MC68A54 - 1077
Box 4 (Series 3), Folder 9 PE 110 (10215 I) RADC Intel 8259
Box 4 (Series 3), Folder 10 PE 111 (10215 J) Intel 82551

Box 5 (Series 3), Folder 1 PE 113 (10215 L) AMD Am2901 DC

Box 5 (Series 3), Folder 2 PE 114 (1039 A) Motorola MC6802

Box 5 (Series 3), Folder 3 PE 115 (10379 B) Motorola MC6846BQCS

Box 5 (Series 3), Folder 4 PE 116 (10379 C) Intel MD2147

Box 5 (Series 3), Folder 5 PE 117 (10379 F) Intel 8085A 8-Bit Microprocessor - 1979

Box 5 (Series 3), Folder 6 PE 118 (10379 G) Harris HD-15530

Box 6 (Series 3), Folder 1 PE 119 (10379 D) RADC AMD Am2903, Am2910 - 1979

Box 6 (Series 3), Folder 2 PE120 (10379 E) RADC AMD Am2903

Box 6 (Series 3), Folder 3 PE 121 (10379 H) RADC AMD Am 9511

Box 6 (Series 3), Folder 4 PE 122 (10379 J) RADC Motorola MC10800 - 1979

Box 6 (Series 3), Folder 5 PE 123 (10379 I) RADC Motorola MC 10801

Box 6 (Series 3), Folder 6 PE 124 (10379 L) RADC Zilog Z80-CPU

Box 7 (Series 3), Folder 1 PE 125 (10379 K) Zilog Z80-CTC

Box 7 (Series 3), Folder 2 PE 126 (10379 M) RADC Zilog Z80-PIO

Box 7 (Series 3), Folder 3 PE 127 (10379 N) RADC Zilog Z80-DMA
Box 7 (Series 3), Folder 4 PE 128 (10379 O) RADC Zilog Z80-SIO

Box 7 (Series 3), Folder 5 PE 129 (10379 P) RADC Harris HM1-6100 12-bit Microprocessor

Box 8 (Series 3), Folder 1 PE 130 (10379 Q) RADC Intel 8048/8035

Box 8 (Series 3), Folder 2 PE 131 (10379 R) RADC Fairchild 93481 4096 X 1-Bit Dynamic RAM

Box 8 (Series 3), Folder 3 PE 132 (10379 S) RADC Fairchild 9440 16-Bit Microprocessor

Box 8 (Series 3), Folder 4 PE 133 (10379 T) Intel 8086 16-Bit HMOS Microprocessor

Box 8 (Series 3), Folder 5 PE 134 (10379 U) RADC Intel 8288 BUS Controller

Box 8 (Series 3), Folder 6 PE 135 (10379 W) RADC Motorola MC 6845 CRT Controller

Box 9 (Series 3), Folder 1 PE 136 (10379 V) RADC Fairchild 9442DC I/O BUS Controller

Box 9 (Series 3), Folder 2 PE 137 (10379 X) RADC Motorola MC68488

Box 9 (Series 3) No PE 138

Box 9 (Series 3), Folder 3 PE 139/140 (10379 AA) RADC Zilog Z8002 and Z8001

Box 9 (Series 3) No PE 141

Box 9 (Series 3), Folder 4 PE 142 (10379 EE) RADC Motorola MC68000 16-bit Microprocessor

Box 9 (Series 3), Folder 5 PE 143 (10379 DD) Texas Instruments TM2516 16K-PROM

Box 9 (Series 3), Folder 6 PE 144 (10379 CC) RADC Intel D2118

Box 9 (Series 3), Folder 7 PE 145 ½ (10891 A) RADC Zilog Z8 MCU
Box 9 (Series 3), Folder 8
PE 145 2/2 (10379 --Y) Zilog Z8 - 1981

Box 10 (Series 3), Folder 1
PE 146 ½ (10891 D) RADC Zilog Z8010 MMU - 1981

Box 10 (Series 3), Folder 2
PE 146 2/2 (13891 D) Zilog Z8010 - 1981

Box 10 (Series 3), Folder 3
PE 147 ½ (10891 E) RADC Zilog Z8036 CIO - 1982

Box 10 (Series 3), Folder 4
PE 147 2/2 (13891 E) Zilog Z8036 - 1981

Box 10 (Series 3), Folder 5
PE 148 ½ (10891 B) RADC Intel 8289 - 1982

Box 10 (Series 3), Folder 6
PE 148 2/2 (13891 B) Intel 8085A

Box 11 (Series 3), Folder 1
PE 149 (10891 F) RADC Motorola MC68120 IPC - 1982

Box 11 (Series 3), Folder 2
PE 150 (10891 H) RADC AMI S3505

Box 11 (Series 3), Folder 3
PE 151 ½ (10891 J) RADC Intel 2816 - 1983

Box 11 (Series 3), Folder 4
PE 151 2/2 (13891 J) Intel 8086 - 1982

Box 11 (Series 3), Folder 5
PE 152 ½ (10891 I) RADC Intel 8087

Box 11 (Series 3), Folder 6
PE 152 2/2 (13891 I) Intel 8087 - 1982

Box 12 (Series 3), Folder 1
PE 153 ½ (10891 G) RADC XICOR X2210 - 1983

Box 12 (Series 3), Folder 2
PE 153 2/2 (13891 G) XICOR X221

Box 12 (Series 3), Folder 3
PE 154 (10891 K) RADC RCA MWS5114 - 1983
Box 12 (Series 3),
Folder 4
PE 155 (10891 C) RADC Intel 2920 - 1983

Box 12 (Series 3),
Folder 5
PE 156 (10891 L) RADC AMD Am2960

Box 12 (Series 3),
Folder 6
PE 157 (10891 M) RADC Intel 8089 - 183

Box 13, 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 (Series 4)  SCA 9712-569: report was issued the 12th month of 1997 and is the 569th report in the series.

ICE Shared Construction Analysis SCA 9311-3001

Box 1 (Series 4)  Samsung KM44C4000J-7

Box 1 (Series 4)  16 Megabit DRAM

ICE Shared Construction Analysis SCA 9412-394

Box 1 (Series 4)  Micron Semiconductor MT5C64K16A1DJ

Box 1 (Series 4)  64K x 16 SRAM

ICE Shared Construction Analysis SCA 9504-401

Box 1 (Series 4)  Xicor X28C010J-20

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

ICE Shared Construction Analysis SCA 9504-403

Box 1 (Series 4)  Actel A1440

Box 1 (Series 4)  FPGA

ICE Shared Construction Analysis SCA 9504-407

Box 1 (Series 4)  ISSI IS27HC010

Box 1 (Series 4)  1Mbit UVEPROM

ICE Shared Construction Analysis SCA 9504-408

Box 1 (Series 4)  Atmel AT27C010-45DC
Box 1 (Series 4) 1Mbit EPROM

ICE Shared Construction Analysis SCA 9512-442

Box 1 (Series 4) National Semiconductor 24C16EN

Box 1 (Series 4) 16K Serial EEPROM

ICE Shared Construction Analysis SCA 9512-444

Box 1 (Series 4) QLogic ISP1000

Box 1 (Series 4) SCSI Processor

ICE Shared Construction Analysis SCA 9512-445

Box 1 (Series 4) Maxim MAX662

Box 1 (Series 4) 12V DC-DC Converter

ICE Shared Construction Analysis SCA 9608-508

Box 1 (Series 4) Chip Express QYH530

Box 1 (Series 4) Laser Programmable Gate Array

ICE Shared Construction Analysis SCA 9608-509

Box 1 (Series 4) Motorola XC56002PV80

Box 1 (Series 4) Digital Signal Processor

ICE Shared Construction Analysis SCA 9608-511

Box 1 (Series 4) UMC UM613264F-7

Box 1 (Series 4) 2Mbit SRAM

ICE Shared Construction Analysis SCA 9611-501

Box 1 (Series 4) Philips PZ5032-10A44

Box 1 (Series 4) 32 Macrocell PLD
ICE Shared Construction Analysis SCA 9612-510

Box 1 (Series 4) QuickLogic QL24x32B

Box 1 (Series 4) CMOS FPGA

ICE Shared Construction Analysis SCA 9612-512

Box 1 (Series 4) Samsung KM984000ALG-7

Box 1 (Series 4) 4 Meg. SRAM

ICE Shared Construction Analysis SCA 9612-514

Box 1 (Series 4) Panasonic MN150808KJAG

Box 1 (Series 4) Microcontroller

ICE Shared Construction Analysis SCA 9612-515

Box 1 (Series 4) Microchip 93LC86

Box 1 (Series 4) 16K Serial EEPROM

ICE Shared Construction Analysis SCA 9612-516

Box 1 (Series 4) Atmil AT27C512R

Box 1 (Series 4) 512K UVEPROM

ICE Shared Construction Analysis SCA 9612-517

Box 1 (Series 4) AMD AM27C010

Box 1 (Series 4) 1M UVEPROM

ICE Shared Construction Analysis SCA 9612-518

Box 1 (Series 4) SGS-Thomson M17C1001

Box 1 (Series 4) 1Mb UVEPROM
ICE Shared Construction Analysis SCA 9612-519

Box 1 (Series 4) SGS-Thomson 93C46CB1

Box 1 (Series 4) 1K EEPROM

ICE Shared Construction Analysis SCA 9612-521

Box 1 (Series 4) Xicor X25020P

Box 1 (Series 4) 2K EEPROM

ICE Shared Construction Analysis SCA 9612-522

Box 1 (Series 4) Lattice ispLSI1032E CPLD

ICE Shared Construction Analysis SCA 9612-523

Box 1 (Series 4) Sony CXK5B16120J-12

Box 1 (Series 4) 1Mbit (64K x 16) BiCMOS SRAM

ICE Shared Construction Analysis SCA 9702-524

Box 1 (Series 4) Toshiba TC5165165AFT-50

Box 1 (Series 4) 64 Mbit DRAM

ICE Shared Construction Analysis SCA 9702-525

Box 1 (Series 4) Dallas Semiconductor DS80C320

Box 1 (Series 4) Microcontroller

ICE Shared Construction Analysis SCA 9702-526

Box 1 (Series 4) AMD MACH5 512

Box 1 (Series 4) Complex Programmable Logic Device

ICE Shared Construction Analysis SCA 9702-527

Box 1 (Series 4) AMD MACH5-256
Box 1 (Series 4) Programmable Logic Device

ICE Shared Construction Analysis SCA 9702-528

Box 1 (Series 4) Fujitsu MB81G8322-010

Box 1 (Series 4) 8Meg. SGRAM

ICE Shared Construction Analysis SCA 9702-529

Box 1 (Series 4) Hitachi HM5283206FP10

Box 1 (Series 4) 8Mbit SGRAM

ICE Shared Construction Analysis SCA 9702-530

Box 1 (Series 4) Samsung KM4132G271Q-10

Box 1 (Series 4) 8Mbit SGRAM

ICE Shared Construction Analysis SCA 9703-499

Box 1 (Series 4) Mosel Vitelic MS622656CLL-70PC

Box 1 (Series 4) 256Kbit SRAM

ICE Shared Construction Analysis SCA 9703-531

Box 1 (Series 4) NEC D481850GE-A10

Box 1 (Series 4) 8Meg. SGRAM

ICE Shared Construction Analysis SCA 9702-532

Box 1 (Series 4) Toshiba TC86R10000-200

Box 1 (Series 4) 64-Bit Microprocessor

ICE Shared Construction Analysis SCA 9703-533

Box 1 (Series 4) Winbond W2E512, W27E257
Box 1 (Series 4)  
EEPROM  
ICE Shared Construction Analysis SCA 9703-534

Box 1 (Series 4)  
NEC D23C3200A

Box 1 (Series 4)  
32Mb MROM  
ICE Shared Construction Analysis SCA 9704-535

Box 1 (Series 4)  
DEC SA-110S

Box 1 (Series 4)  
StrongARM 32-Bit Microprocessor  
ICE Shared Construction Analysis SCA 9704-536

Box 1 (Series 4)  
Lattice GAL22LV10D-4LJ

Box 1 (Series 4)  
EEPLD  
ICE Shared Construction Analysis SCA 9704-537

Box 1 (Series 4)  
Analog Devices ADSP-21062-KS-160  
ICE Shared Construction Analysis SCA 9705-538

Box 1 (Series 4)  
Lattice 3256A-90LM

Box 1 (Series 4)  
PLD  
ICE Shared Construction Analysis SCA 9705-539

Box 1 (Series 4)  
Micron Semiconductor MT4LC16M4H9

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

Box 1 (Series 4)  
Intel 200MHz Pentium

Box 1 (Series 4)  
Processor W/MMX  
ICE Shared Construction Analysis SCA 9706-541
Box 1 (Series 4)  Advanced Micro Devices 200MHz K6

Box 1 (Series 4)  Microprocessor

ICE Shared Construction Analysis SCA 9706-542

Box 1 (Series 4)  Intel 266MHz 32-Bit Pentium II

Box 1 (Series 4)  (Klamath) Processor

ICE Shared Construction Analysis SCA 9706-543

Box 1 (Series 4)  Atmel AT89C2051 & AT89S8252

Box 1 (Series 4)  Microcontrollers

ICE Shared Construction Analysis SCA 9706-544

Box 1 (Series 4)  Xilinx XC4036EX

Box 1 (Series 4)  FPGA

ICE Shared Construction Analysis SCA 9707-545

Box 1 (Series 4)  Oki M5117805A-60J

Box 1 (Series 4)  16Mbit DRAM (EDO)

ICE Shared Construction Analysis SCA 9707-546

Box 1 (Series 4)  Rockwell 11577-11

Box 1 (Series 4)  Digital Correlator

ICE Shared Construction Analysis SCA 9707-547

Box 1 (Series 4)  NKK NR4645LQF-133

Box 1 (Series 4)  64-bit RISC Processor

ICE Shared Construction Analysis SCA 9708-548
Box 1 (Series 4)  Sharp LH28F032SUTD-70

Box 1 (Series 4)  32Mbit Flash EEPROM

ICE Shared Construction Analysis SCA 9708-549

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<td>ICE Folder Name: Lockheed, 1969</td>
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<td>Content Summary: A microcircuit report for Lockheed Electronics Company-Report File: #391-1 A</td>
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<td>ICE Folder Name: Lockheed, 1969</td>
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<td>Content Summary: Background study in Hybrid and microwave segments</td>
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<td>ICE Folder Name: shields and company, 1969</td>
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<td>Content Summary: Feasibility of the MOS electronics proposal for the VIATRON system 21</td>
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<td>ICE Folder Name: IBM/ESSEX JUNCTION (2-WEEK FAB. SEM.) DECEMBER 2-13, 1968</td>
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<td>ICE Folder Name: SCM CORPORATION #1071, 1970</td>
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Content Summary: Marchant electronics—evaluation & development of the H.V. MOS and Bipolar devices

Box 4 (Series 16), Folder 5

Box 4, Folder 5, ICE Project Number 396

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

Box 4 (Series 16), Folder 6

Box 4, Folder 6, ICE Project Number 397

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

Box 4 (Series 16), Folder 7

Box 4, Folder 7, ICE Project Number 399a

ICE Folder Name: GE/ PHX. P/Q 1103 PAHSE I-A(FAB SEMINAR), 1969

Box 4 (Series 16), Folder 8

Box 4, Folder 8, ICE Project Number 399b

ICE Folder Name: 4-WEEK FABRICATION SEMINAR JANUARY 27-21, 1969

Box 4 (Series 16), Folder 9

Box 4, Folder 9, ICE Project Number 400

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

Box 4 (Series 16), Folder 10

Box 4, Folder 10, ICE Project Number 401

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

Box 4 (Series 16), Folder 11

ICE Project Number 402a

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

Box 5 (Series 16), Folder 1

ICE Project Number 402b

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

Box 5 (Series 16), Folder 2

ICE Project Number 402c

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

Box 5 (Series 16), Folder 3

ICE Project Number 402d

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

Box 5 (Series 16), Folder 4

ICE Project Number 403

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

Box 5 (Series 16), Folder 5

ICE Project Number 404

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

Box 5 (Series 16), Folder 6

Box 5, Folder 6, ICE Project Number 405
ICE Folder Name: ZENITH, 1969

Box 5 (Series 16), Folder 7

Box 5, Folder 7, ICE Project Number 408a
ICE Folder Name: LOCKHEED ELECTRONICS, 1969
Content Summary: Microcircuit plan

Box 5 (Series 16), Folder 8

Box 5, Folder 8, ICE Project Number 408b
ICE Folder Name: LOCKHEED ELECTRONICS, 1969
Content Summary: Legal documents re: microcircuit plan
Box 5 (Series 16), Folder 9

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

Box 5 (Series 16), Folder 10

ICE Project Number 409b

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

Box 5 (Series 16), Folder 11

ICE Project Number 409c

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

Box 5 (Series 16), Folder 12

ICE Project Number 410

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

Box 5 (Series 16), Folder 13

ICE Project Number 411a

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

Box 5 (Series 16), Folder 14

ICE Project Number 411b

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

Box 5 (Series 16), Folder 15

ICE Project Number 411c

ICE Folder Name: GENERAL ELECTRIC
Content Summary: Design, test, sourcing for the ANO JK flip/flops of SUHL II series
Box 6 (Series 16), Folder 1
Box 6, Folder 1, ICE Project Number 413
ICE Folder Name: bendix electodynamics, 1969
Content Summary: Facility review

Box 6 (Series 16), Folder 2
Box 6, Folder 2, ICE Project Number 415
ICE Folder Name: ENGINEERING/FABRICATION MARCH 17-21, 1969

Box 6 (Series 16), Folder 3
Box 6, Folder 3, ICE Project Number 416
ICE Folder Name: general electric company, 1969
Content Summary: A study of Integration level-Master Copy and correspondence

Box 6 (Series 16), Folder 4
Box 6, Folder 4, ICE Project Number 417
ICE Folder Name: GENERAL ELECTRIC, PHOENIX P/Q 1104 SPECIAL PROJECTS ANALYSIS, 1969
Content Summary: Plastic package evaluation T.I. Emitter coupled logic ECL-2500 family

Box 6 (Series 16), Folder 5
Box 6, Folder 5, ICE Project Number 418
ICE Folder Name: SIGNETICS/SUNNYVALE, COL. P/Q 2021, 1969
Content Summary: ECL/CML circuit market study

Box 6 (Series 16), Folder 6
Box 6, Folder 6, ICE Project Number 419
ICE Folder Name: analog devices, inc., 1969
Content Summary: Potential in-house monolithic facility study

Box 6 (Series 16), Folder 7
Box 6, Folder 7, ICE Project Number 420
ICE Folder Name: 2-WEEK FABRICATION SEMINAR FEBRUARY 24-MARCH 7, 1969

Box 6 (Series 16), Folder 8
Box 6, Folder 8, ICE Project Number 423
ICE Folder Name: FIVE ONE-DAY ADVANCED SEMINARS APRIL 14, 15, 16, 17, AND 18, 1969

Box 6 (Series 16), Folder 9
Box 6, Folder 9, ICE Project Number 425
ICE Folder Name: general electric, phoenix phase II (p.a. Seminar) P/Q 1103
Box 6 (Series 16), Folder 10
Box 6, Folder 10, ICE Project Number 426
ICE Folder Name: ENGINEERING/FABRICATION APRIL 21-25, 1969

Box 6 (Series 16), Folder 11
Box 6, Folder 11, ICE Project Number 431
ICE Folder Name: general electric company p/q #1122, 1969
Content Summary: Investigation proposal: gated amplifier wafers

Box 6 (Series 16), Folder 12
Box 6, Folder 12, ICE Project Number 432
ICE Folder Name: m.i.t.
Content Summary: Diffused resistor impurity diffusion profiles

Box 6 (Series 16), Folder 13
Box 6, Folder 13, ICE Project Number 435
ICE Folder Name: IBM CORP.-ESSEX JUNCTION P/Q 4023 APRIL 7-11, 1969

Box 6 (Series 16), Folder 14
Box 6, Folder 14, ICE Project Number 439
ICE Folder Name: 5-DAY ENGINEERING MAY 19-23, 1969

Box 6 (Series 16), Folder 15
Box 6, Folder 15, ICE Project Number 443
ICE Folder Name: R C A SEMINAR APRIL 28/MAY 9, 1969

Box 6 (Series 16), Folder 16
Box 6, Folder 16, ICE Project Number 447a
ICE Folder Name: Joseph Lucas, Ltd.-ford motor company, 1969
Content Summary: Step-by-step of semiconductor fabrication procedures & facility layout

Box 6 (Series 16), Folder 17
Box 6, Folder 17, ICE Project Number 447b
ICE Folder Name: Joseph Lucas, Ltd.-ford motor company, 1969
Content Summary: Failure mechanism for the Ford voltage reg.

Box 6 (Series 16), Folder 18
Box 6, Folder 18, ICE Project Number 448
ICE Folder Name: GENERAL ELECTRIC, PHOENIX P/Q 1103 PHASE III (QUATERLY VISITS)
Content Summary: Procurement practices

Box 6 (Series 16), Folder 19
Box 6, Folder 19, ICE Project Number 449
ICE Folder Name: MOTOROLA, INC.- CHICAGO P/Q #1068, 1969
Content Summary: Decoder logic A wafer-Gold backed wafer & overlays with diffusion MASKS

Box 6 (Series 16), Folder 20

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

Box 6 (Series 16), Folder 21

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

Box 6 (Series 16), Folder 22

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

Box 6 (Series 16), Folder 23

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

Box 6 (Series 16), Folder 24

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

Box 6 (Series 16), Folder 25

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

Box 6 (Series 16), Folder 26

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

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<td>ICE Folder Name: Aerojet-general corporation, 1969</td>
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<td>Content Summary: Contract correspondence and flip-flop</td>
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<td>ICE Folder Name: BABCOCK &amp; WILCOX P/Q 1144, 1969</td>
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<td>Content Summary: Multiple transistor chips</td>
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<td>ICE Folder Name: STATE UNIVERSITY OF NEW YORK JUNE 18, 19, 20, 1969</td>
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<td>ICE Folder Name: BENDIX CORPORATION PROPOSAL 1133</td>
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<td>Content Summary: Expanded microelectronics operation</td>
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<td>ICE Folder Name: MOTOROLA, INC.-MESA P/Q #1143, 1969</td>
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<td>Content Summary: Laying out MASK sets</td>
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<td>ICE Folder Name: HONEYWELL SEMINAR JUNE 30 AND JULY 1, 1969</td>
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<td>ICE Folder Name: G. E. PHOENIX-CIRCUIT MODELING P/Q #1138, 1969</td>
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<td>Content Summary: Explanation of model parameters for &quot;CIRCUS&quot; programs</td>
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<td>ICE Folder Name: OMNI-SPECTRA P/Q 1140, 1969</td>
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<td>Content Summary: Market analysis of microwave integrated circuits</td>
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<td>ICE Folder Name: LOCKHEED SEMINAR-NEW JERSEY JULY 8-11, 1969</td>
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ICE Folder Name: CENTRALAB, MILWAUKE (CONSULTING) P/Q #1136
Content Summary: Review of hybrid circuit facilities

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

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ICE Folder Name: 4-WEEK DESIGN/FABRICATION NOVEMBER 17-DECEMBER 14, 1969

Box 7 (Series 16), Folder 13
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ICE Folder Name: ENGINEERING, LSI, FAILURE ANALYSIS OCTOBER 27-NOV. 1, 1969

Box 7 (Series 16), Folder 14
Box 7, Folder 14, ICE Project Number 488
ICE Folder Name: SEMICONDUCTOR ELECTRONIC MEMORIES, INC., 1969
Content Summary: Facility plan

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ICE Folder Name: 2-WEEK PROCESSING COURSE NOVEMBER 3-14, 1969

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

Box 7 (Series 16), Folder 17
Box 7, Folder 17, ICE Project Number 493
ICE Folder Name: ENGINEERING/ RELIABILITY /PURCH/ MKT. NOVEMBER 17-21, 1969

Box 7 (Series 16), Folder 18
Box 7, Folder 18, ICE Project Number 494
ICE Folder Name: ICE, 1969
Content Summary: Report: T6 Control Pattern

Box 7 (Series 16), Folder 19
Box 7, Folder 19, ICE Project Number 497
ICE Folder Name: MICROELECTRONICS ARTICLE, 1970
Content Summary: "IC Business in the USA" and "Internal Aspects"

Box 7 (Series 16), Folder 20
Box 7, Folder 20, ICE Project Number 503
ICE Folder Name: DICKSON ELECTRONICS CORP. P/Q #1149, 1969
Content Summary: Organization for continued growth

Box 8 (Series 16), Folder 1
Box 8, Folder 1, ICE Project Number 509
ICE Folder Name: ENGINEERING, FACILITIES, FAILURE ANALYSIS
DECEMBER 1-6, 1969

Box 8 (Series 16), Folder 2
Box 8, Folder 2, ICE Project Number 511
ICE Folder Name: NORTHRUP CORP. (SEMINAR) LETTER #1186

Box 8 (Series 16), Folder 3
Box 8, Folder 3, ICE Project Number 513
ICE Folder Name: MIL (MARKETING STUDIES) P/Q #1187, 1970
Content Summary: MOS market analysis and the 7400 TTL market

Box 8 (Series 16), Folder 4
Box 8, Folder 4, ICE Project Number 515
ICE Folder Name: MICROSYSTEMS INTERNATIONAL P/Q #1156, 1970
Content Summary: MOS and the TLL market study presentation

Box 8 (Series 16), Folder 5
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ICE Folder Name: DYAD SYSTEMS, INC., 1969
Content Summary: Summary of individual contacts

Box 8 (Series 16), Folder 6
Box 8, Folder 6, ICE Project Number 519
ICE Folder Name: GRUMMAN, 1970
Content Summary: "An analysis of the Fairchild uA741 operational amplifier" January, 1970 report 7000515e-1

Box 8 (Series 16), Folder 7
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Content Summary: Matsushita Electronics Corporation consultation visit, 1969

Box 8 (Series 16), Folder 8
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ICE Folder Name: HITACHI, LTD. P/Q #1112 & 1113, 1969
Content Summary: DECAP DC circuit analysis program

Box 8 (Series 16), Folder 9  
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ICE Folder Name: MOTOROLA (CHICAGO) P/Q #1193, 1970  
Content Summary: Correspondence

Box 8 (Series 16), Folder 10  
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ICE Folder Name: STATE UNIVERSITY OF NEW YORK NOVEMBER 12, 13, 14, 1969  
Content Summary: Seminar

Box 8 (Series 16), Folder 11  
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ICE Folder Name: RESDEL ENGINEERING CO., 1970  
Content Summary: Logic analysis program

Box 8 (Series 16), Folder 12  
Box 8, Folder 12, ICE Project Number 531

ICE Folder Name: BURROUGHS-KING OF PRUSSIA DECEMBER 8-12, 1969  
Content Summary: Attendance list

Box 8 (Series 16), Folder 13  
Box 8, Folder 13, ICE Project Number 532

ICE Folder Name: GENERAL ELECTRIC COMPANY MARCH 30, 1970- UPDATE

Box 8 (Series 16), Folder 14  
Box 8, Folder 14, ICE Project Number 533

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

Box 8 (Series 16), Folder 15  
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Content Summary: Attendance at Dyad Systems seminar

Box 8 (Series 16), Folder 16  
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Content Summary: General Electric work statement, P/Q #1212, 1970

Box 8 (Series 16), Folder 17  
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ICE Folder Name: IBM SEMINAR- GAITHERSBURG, MD JANUARY 19-23, 1970
Content Summary: Attendance list

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ICE Folder Name: ADVANCED TECHNOLOGY, INC. P/Q #1206, 1970
Content Summary: Invoice

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ICE Folder Name: HONEYWELL, AERO (CONSULTING)

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

Box 9 (Series 16), Folder 1
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ICE Folder Name: BORG-WARNER CORP. P/Q #1188, 1969
Content Summary: Purchase order

Box 9 (Series 16), Folder 2
Box 9, Folder 2, ICE Project Number 548a
ICE Folder Name: AIR-TSCP 700-4, 1970
Content Summary: Prediction of reliability

Box 9 (Series 16), 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 (Series 16), 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 (Series 16), Folder 5
Box 9, Folder 5, ICE Project Number 548d
Content Summary: Prediction of reliability for APU TSCP700-4, 1970

Box 9 (Series 16), Folder 6
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Content Summary: Proposed digital motor control system for auxiliary power unit TSCP700-4, 1970
Box 9 (Series 16), Folder 7

Box 9, Folder 7, ICE Project Number 549

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

Box 9 (Series 16), Folder 8

Box 9, Folder 8, ICE Project Number 550

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

Box 9 (Series 16), Folder 9

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

Box 9 (Series 16), Folder 10

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

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

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ICE Folder Name: MOTORALA, INC. (MESA) P/Q #1180A
Content Summary: Work statement

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

Box 9 (Series 16), Folder 14

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ICE Folder Name: 4-DAY ENGINEERING/LSI/FAILURE ANALYSIS MAY 18-MAY 23, 1970

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Box 9, Folder 15, ICE Project Number 561

ICE Folder Name: OMNITEC CORP. (FEASIBILITY STUDY) P/Q #1228
Content Summary: Status of Omnitec contract

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Content Summary: Correspondence for Projects 563-573
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<td>ICE Folder Name: NAVAL ELECTRONICS LABORATORY CENTER - MARCH 9-13, 1970</td>
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<td>ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD. MISC. INFO., 1970</td>
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<td>Content Summary: Organizational review</td>
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<td>ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD. CORRESPONDENCE, 1970</td>
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<td>Content Summary: Correspondence</td>
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<td>ICE Folder Name: MICROSYSTEMS INTERNATIONAL LTD., 1970</td>
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<td>Content Summary: Misc. information and G. Madland's notes</td>
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<td>ICE Folder Name: NAVY ELECT. LAB. CENTER (PARTIT. STUDY) P/Q #1235, 1971</td>
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<td>Content Summary: Report on AX &amp; B chip-Floating point signed arithmetic</td>
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<td>ICE Folder Name: MIL (FACILITY EVALUATION) P/Q #1238, 1970</td>
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<td>Content Summary: Photomask facility study</td>
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<th>Box 10, Folder 6, ICE Project Number 572</th>
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<td>ICE Folder Name: MICRODOT (CIRCUITS) P/Q #1236, 1971</td>
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<td>Content Summary: Developing chips with attaching insulated wire</td>
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Content Summary: Process capabilities report for Fairchild DTuL circuits

Box 11 (Series 16), Folder 1
ICE Folder Name: MIT-LINCOLN LABS (BONDING ASSIST.) P/Q #1247, 1970
Content Summary: Memo report PHASE II

Box 11 (Series 16), Folder 2
ICE Folder Name: 2-WEEK PROCESSING COURSE JUNE 1-JUNE 12, 1970

Box 11 (Series 16), Folder 3
Content Summary: Draft of molecular sciences prospectus, 1970

Box 11 (Series 16), Folder 4
ICE Folder Name: IBM COPORATION 3-WEEK MOS DESIGN SEMINAR JUNE 22-JULY 2, 1970 & OCTOBER 509, 1970

Box 11 (Series 16), Folder 5
ICE Folder Name: RAIRCHILD (MT. VIEW) (MEMORY STUDY) P/Q #1264, 1970

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ICE Folder Name: SYLVANIA (DESIGN/LAYOUT) P/Q #1299, 1970

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ICE Folder Name: HONEYWELL
Content Summary: Proposed ADG program

Box 11 (Series 16), Folder 8
ICE Folder Name: METCERAM, 1970
Content Summary: Study of potential market for ceramic LSI packages

Box 11 (Series 16), Folder 9
ICE Folder Name: 4-WEEK FABRICATION COURSE SEPTEMBER 21-OCTOBER 16, 1970

Box 11 (Series 16), Folder 10
ICE Folder Name: 4-DAY ENGINEERING SEMINAR (1 DAY-MOS OR FA) OCTOBER 19-24, 1970

Box 11 (Series 16), Folder 11
ICE Folder Name: GLOBE UNION, INC. EL MONTE (CIRCUITS) P/Q #1293, 1971

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ICE Folder Name: (1-DAY OR STATUS OF INDUSTRY) NOVEMBER 16-20, 1970

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Content Summary: Honeywell purchase order, 1970

Box 11 (Series 16), Folder 18  
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ICE Folder Name: AMELCO (CIRCUITS) P/Q # 132

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

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ICE Folder Name: ITT (CONSULTING), 1970

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

Box 12 (Series 16), Folder 2

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

Box 12 (Series 16), Folder 3

ICE Folder Name: LOCKHEED, N.J. (CONSULTING), 1970

Box 12 (Series 16), Folder 4

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

Box 12 (Series 16), Folder 5

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

Box 12 (Series 16)

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

Box 12 (Series 16), Folder 6

ICE Folder Name: HYBRID ICEMAIL SEMINAR FOR MOTOROLA-DECEMBER 15-16, 1970

Box 12 (Series 16), Folder 7

ICE Folder Name: MOTOROLA, INC. MOS MKT. STUDY, 1970

Box 12 (Series 16), Folder 8

Content Summary: "Periodic report-Semiconductor & integrated circuit" late 1971-72

Box 12 (Series 16), Folder 9

ICE Folder Name: 3M COMPANY (SEMINAR) P/Q #1348

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Content Summary: Motorola-Hybrid program license agreement, 1971
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ICE Folder Name: 4-DAY ENGINEERING JANUARY 18-21 1-DAY LSI JAN. 22, 1971 |
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ICE Folder Name: UP-DATE (FINANCE AND TECHNICAL) SEMINAR-FEBRUARY 25-26, 1971 |
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ICE Folder Name: DESIGN & APPLICATION FEBRUARY 7-10 INDUSTRY STATUS FEBRUARY 11, 1972 |
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ICE Folder Name: FORD MOTOR CO. (RELIABLITY STUDY) P/Q #1382, 1971 |
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Content Summary: COM-DEV INC- Contracts, 1971 |
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Content Summary: Notes for meeting with Wilf Corrigan, 1972 |
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Content Summary: Organic developer for A20 135OH |
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ICE Folder Name: ITT SEMICONDUCTOR (YIELD IMPROVE.) P/Q #1378 |
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ICE Folder Name: FAIRCHILD MOS D & A SEMINAR MARCH 30-APRIL 2, 1971 |
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ICE Folder Name: HURRICANE CAR WASH (CIRCUITS) P/Q #1412, 1971 |
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ICE Folder Name: UNIDYNAMICS (ACQUISITION), 1971 |
| Box 12 (Series 16), Folder 27 | Box 12, Folder 27, ICE Project Number 676S  
ICE Folder Name: FAIRCHILD- MOS DESIGN AND APPLICATION MARCH 16-20, 1971 |
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ICE Folder Name: NELC (FAB. SEMINAR) P/Q #1387, 1971 |
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Content Summary: W.R. Girace & Co., 1971 |
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ICE Folder Name: INSELEK (ANNUAL CONSULTING) P/Q #1441 1971 |
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ICE Folder Name: INSELEK P/Q #1441, 1972  
Content Summary: Consulting |
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ICE Folder Name: INSELEK P/Q #1441, 1973 |
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ICE Folder Name: perkin elmer, 1971
Content Summary: Projection Mask aligner

Box 13 (series 16), Folder 2
Box 13, Folder 2, ICE Project Number 701b
ICE Folder Name: perkin elmer, 1970
Content Summary: Projection Mask aligner

Box 13 (series 16), Folder 3
Box 13, Folder 3, ICE Project Number 701c
ICE Folder Name: perkin elmer, 1969
Content Summary: Projection Mask aligner

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Box 13, Folder 4, ICE Project Number 701d
ICE Folder Name: perkin elmer, 1968
Content Summary: Micro projector

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

Box 13 (series 16), Folder 6
Box 13, Folder 6, ICE Project Number 701f
ICE Folder Name: perkin elmer, 1971
Content Summary: Projection Mask aligner

Box 14 (Series 16), Folder 1
Box 14, Folder 1, ICE Project Number 702
ICE Folder Name: TEXAS INSTRUMENTS (CUSTUM CIRCUITS) P/Q #1461, 1971
Content Summary: IC layout-design & service

Box 14 (Series 16), Folder 1
Box 14, Folder 1, ICE Project Number 703
ICE Folder Name: TEXAS INSTRUMENTS (CUSTUM CIRCUITS) P/Q #1461, 1971
Content Summary: IC layout-design & service
Box 14 (Series 16), Folder 2
Box 14, Folder 2, ICE Project Number 705
ICE Folder Name: COLLINS RADIO (FAILURE ANALYSIS) P/Q #1459

Box 14 (Series 16), Folder 3
Box 14, Folder 3, ICE Project Number 708
ICE Folder Name: BUNKER-RAMO CORP. (VENDOR EVAL.) P/Q #1463, 1971
Content Summary: Logic design and positioning

Box 14 (Series 16), Folder 4
Box 14, Folder 4, ICE Project Number 709
ICE Folder Name: G.E., SYRACUSE (1-DAY STATUS REVIEW) P/Q #1458, 1971
Content Summary: Status of the integrated circuit industry-special review forge.

Box 14 (Series 16), Folder 5
Box 14, Folder 5, ICE Project Number 710
ICE Folder Name: DIETZGEN
Content Summary: Electronic slide rule-cross reference 1996.0089.01

Box 14 (Series 16), Folder 6
Box 14, Folder 6, ICE Project Number 710
ICE Folder Name: DIETZGEN
Content Summary: Electronic slide rule-cross reference 1996.0089.01

Box 14 (Series 16), Folder 7
Box 14, Folder 6, ICE Project Number 711
ICE Folder Name: DIETZGEN
Content Summary: Electronic slide rule-cross reference 1996.0089.01

Box 14 (Series 16), Folder 8
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 (Series 16)
Box 14, Folder 5, ICE Project Number 711
ICE Folder Name: DIETZGEN
Content Summary: Electronic slide rule-cross reference 1996.0089.01

Box 14 (Series 16)
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 (Series 16), Folder 6

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

Box 14 (Series 16), Folder 7

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

Box 14 (Series 16)

Box 14, Folder 7, ICE Project Number 710

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

Box 14 (Series 16)

Box 14, Folder 7, ICE Project Number 711

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

Box 14 (Series 16)

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 (Series 16)

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 (Series 16)

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 (Series 16), Folder 9

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

Box 14 (Series 16) Box 14, Folder 9, ICE Project Number 711
ICE Folder Name: DIETZGEN
Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule

Box 14 (Series 16), Folder 9
ICE Folder Name: DIETZGEN
Content Summary: Correspondence concerning design, production, & sale of 5 digit electronic slide rule

Box 15 (Series 16), Folder 1
ICE Folder Name: SIGNETICS (LAYOUT) P/Q #1455, 1971
Content Summary: 7109 chip(s) 54H74's-Signetics ownership ATT Mask & artwork

Box 15 (Series 16), Folder 2
ICE Folder Name: Integrated Technology Corporation
Content Summary: ICE story and a "Diamond growing process"

Box 15 (Series 16), Folder 3
ICE Folder Name: board of directors, 1972
Content Summary: Sale of ITC to Bowmar-merger

Box 15 (Series 16), Folder 4
ICE Folder Name: centralab (FORD MOTOR COMPANY), 1971
Content Summary: Voltage regulators

Box 15 (Series 16), Folder 5
ICE Folder Name: ford motor company, 1971
Content Summary: A comparison of potential failure modes of various IC voltage regulators
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<td>ICE Folder Name: DATAPAK (MEMORY SYSTEM DEVELOP.) P/Q #1481, 1971</td>
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<td>Content Summary: Economics of establishing a BI-polar integrated facility</td>
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<td>ICE Folder Name: NURDC TECHNICIAN- INTERMEDIATE PASADENA, CAL. SEPTEMBER 20-22, 1971</td>
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<td>Content Summary: Seminar/workshop</td>
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<td>ICE Folder Name: SEACO (FAILURE ANALYSIS) P/Q #1472, 1971</td>
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<td>Content Summary: Process for soldering multi layer circuit boards</td>
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<td>ICE Folder Name: NELC DESIGN &amp; APPLICATIONS SAN DIEGO SEPTEMBER 13-17, 1971</td>
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<td>Content Summary: Seminar/workshop</td>
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<td>ICE Folder Name: DESIGN APPLICATION NOVEMBER 1-4, 1971 SEMI. MEMORIES NOVEMBER 5, 1971</td>
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<td>Content Summary: Seminar/workshop</td>
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<td>ICE Folder Name: International telephone and telegraph corporation, 1971</td>
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<td>Content Summary: US Semiconductors and overview-potential for West Palm Beach relocation</td>
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<th>Box 16, Folder 2, ICE Project Number 732</th>
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<tr>
<td>ICE Folder Name: International telephone and telegraph corporation, 1971</td>
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<tr>
<td>Content Summary: US Semiconductors and overview non-censored</td>
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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 (Series 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 (Series 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 (Series 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 (Series 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 (Series 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 (Series 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 (Series 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 (Series 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 (Series 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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), Folder 5

ICE Folder Name: ITT SEMI. WORLDWIDE (ACQUISITION) P/Q #1521, 1972
Content Summary: A program to enter the MOS market

Box 17 (Series 16), Folder 6

ICE Folder Name: LOCKHEED ELECTRONICS (FAILURE ANALYSIS) P/Q #1524, 1972
Content Summary: Hybrid manufacturing process for negative logic modules

Box 17 (Series 16), Folder 7

ICE Folder Name: owens-illinois technical center, 1973
Content Summary: Final report package reliability study

Box 17 (Series 16), Folder 8

ICE Folder Name: LOCKHEED ELECTRONICS (PROCESS REVIEW), 1972
Content Summary: Negative logic modules

Box 17 (Series 16), Folder 9

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 (Series 16), Folder 10

ICE Folder Name: XCITRON (MKTG/PCKG CONSULTING) P/Q #1519, 1972
Content Summary: Electronic calculator model 1681, digital display-comparison and review
Box 17 (Series 16), Folder 11

ICE Folder Name: Xcitron (MKTG/PCKG Consulting) P/Q #1519, 1972
Content Summary: A program to enter the LED market

Box 17 (Series 16), Folder 12

ICE Folder Name: Design & Application Fro Nelc In: San Diego January 31-February 4

Box 17 (Series 16), Folder 13

ICE Folder Name: Western Digital (Taper Si. Processing) P/Q #1531, 1972
Content Summary: Silicon gate processing technology

Box 17 (Series 16), Folder 14

ICE Folder Name: Hallicrafters Company, 1972
Content Summary: Short study of requirements and problems of various system assembly approaches

Box 17 (Series 16), Folder 15

ICE Folder Name: Memorex Corporation, 1972
Content Summary: Plastic vs. ceramic packages

Box 17 (Series 16), Folder 16

ICE Folder Name: Plexus, Inc., 1973
Content Summary: Sale of basic storage module program

Box 18 (Series 16), Folder 1

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 (Series 16), Folder 2

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 (Series 16), 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 (Series 16), 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 (Series 16), Folder 5

Box 18, Folder 5, ICE Project Number 773

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

Box 18 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), Folder 13
Box 18, Folder 13, ICE Project Number 794

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

Box 18 (Series 16), Folder 14
Box 18, Folder 14, ICE Project Number 795

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

Box 18 (Series 16), Folder 15
Box 18, Folder 15, ICE Project Number 796

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

Box 18 (Series 16), Folder 16
Box 18, Folder 16, ICE Project Number 799

ICE Folder Name: allen-bradley company
Box 19 (Series 16), Folder 2
ICE Folder Name: motorola, spd (tech. review) p/q#1560
Content Summary: "Review of Silicon Gate Processing Technology", Feb. 1972

Box 19 (Series 16), Folder 3
ICE Folder Name: honeywell, 1972
Content Summary: Presentation material CMOS, LSI, radar- various presentations

Box 19 (Series 16), Folder 4
ICE Folder Name: automatic electric laboratories, 1972
Content Summary: Future trends for large semiconductor memory arrays

Box 19 (Series 16), Folder 5
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 (Series 16), Folder 6
ICE Folder Name: i.s.t.
Content Summary: Specifications 131 Kilobyte Expandable Basic Storage Module With Error Correction, 28 August 1972

Box 19 (Series 16), Folder 7
ICE Folder Name: western digital corporation
Content Summary: A review of Silicon Gate processing Technology, Feb 1972

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ICE Folder Name: hif (phoenix) (mos Supplier survey) p/q#1565, 1972
Content Summary: Prepared for Honeywell: MOS and BI-Polar
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<td>Content Summary: Audit of the IMUEE program and a review of Hybrid IC Facility, October 13, 1972</td>
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Content Summary:

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

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

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Content Summary: Custom MOS design program

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

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Content Summary: Outline for 1 week class seminar for RAM

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

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

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

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

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ICE Folder Name: xerox, 1973
Content Summary: Emphasis- LSI microelectronics

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

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Content Summary: Collins LSI-Process & MASK changes

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Content Summary: Consulting on the 1103-1024 Bit RAM

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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 (Series 16), 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 (Series 16), 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 (Series 16), 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 (Series 16), Folder 8

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

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ICE Folder Name: tech seminar iii- troubleshooting
Content Summary: Solid state circuits, class schedule & attendance list
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Content Summary: Business plan for a silicon wafer processing joint venture to manufacture & market integrated circuits

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Content Summary: Financial records re: ICE

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Content Summary: Aluminum etch process for monolithic silicon IC's

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Content Summary: Five year plan for microelectronics 1969-1973

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

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

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Content Summary: Process notes and submaster MASK with possible troubleshooting

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

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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 Semidonductor, 1974
Content Summary: Intel Dual 100 BIT Dynamic shift register & photograph layers, 1103 Intel

Box 26 (Series 16), Folder 1
Box 26, Folder 1, ICE Project Number 983

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

Box 26 (Series 16), Folder 2
Box 26, Folder 2, ICE Project Number 984

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

Box 26 (Series 16), Folder 3
Box 26, Folder 3, ICE Project Number 985a

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

Box 26 (Series 16), Folder 4
Box 26, Folder 4, ICE Project Number 985b

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

Box 26 (Series 16), Folder 5
Box 26, Folder 5, ICE Project Number 986

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

Box 26 (Series 16), 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 (Series 16), Folder 7
Box 26, Folder 7, ICE Project Number 987b
ICE Folder Name: Agreement for consulting services - Magnavox, 1974

Box 26 (Series 16), Folder 8
Box 26, Folder 8, ICE Project Number 987c
Content Summary: Magnavox - 8 drawings of chip layout & work contracts

Box 26 (Series 16), Folder 9
Box 26, Folder 9, ICE Project Number 988

ICE Folder Name: quantrad, 1974
Content Summary: ICE consulting services agreement

Box 27 (Series 16), Folder 1
Box 27, Folder 1, ICE Project Number 989a

ICE Folder Name: MArtin-marietta, 1974
Content Summary: Agreement for consulting services

Box 27 (Series 16), Folder 2
Box 27, Folder 2, ICE Project Number 989b
ICE Folder Name: Martin-marietta, 1974
Content Summary: Contamination Control In Hybrid Microelectronic Modules

Box 27 (Series 16)
Box 27, Folder 3, ICE Project Number 989c
ICE Folder Name: martin-marietta, 1972
Content Summary: Microelectronics Product Assurance Program

Box 27 (Series 16), Folder 4
Box 27, Folder 4, ICE Project Number 989d
ICE Folder Name: martin-marietta, 1974
Content Summary: Evaluation of Martin-Marietta's Microelectronics Activities

Box 27 (Series 16), Folder 5
Box 27, Folder 5, ICE Project Number 989e
ICE Folder Name: martin-marietta, 1974
Content Summary: Detailed listing of Companies offering services in the microelectronics field

Box 27 (Series 16), Folder 6
Box 27, Folder 6, ICE Project Number 989f
ICE Folder Name: martin-marietta, 1974
Content Summary: Contract for custom linear integrated circuit - to be called: LSI Guidance Processor

Box 27 (Series 16), Folder 7
Box 27, Folder 7, ICE Project Number 989g
ICE Folder Name: martin-marietta, 1974
Content Summary: Schematic: Decoder - Flight Sequencer

Box 27 (Series 16), Folder 8
Box 27, Folder 8, ICE Project Number 989h
ICE Folder Name: martin-marietta, 1960's
Content Summary: Time-line - 1600 to 1960 and IFD Frequency devices - and a hand sketch design butcher paper
Box 27 (Series 16), Folder 9

ICE Folder Name: martin-marietta, 1974
Content Summary: The file on Microelectronics Activities - in depth

Box 27 (Series 16), Folder 10

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 (Series 16), Folder 11

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

Box 27 (Series 16), Folder 12

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

Box 27 (Series 16), Folder 13

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

Box 27 (Series 16), Folder 14

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

Box 28 (Series 16), Folder 1

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

Box 28 (Series 16), Folder 2

ICE Folder Name: eastman kodak, 1974
Content Summary: Specifications for motor speed control circuit, (MSC-1)

Box 28 (Series 16), Folder 3

ICE Folder Name: eastman kodak - Custom lsi design p/q#1692a, 1974

Box 28 (Series 16), Folder 4

ICE Folder Name: eastman kodak p/q#1692a, 1974
Content Summary: Custom LSI design program - Revised

Box 28 (Series 16), Folder 5
Box 28, Folder 5, ICE Project Number 991d
ICE Folder Name: eastman kodak p/q#1692, 1974
Content Summary: Custom linear design seminar

Box 28 (Series 16), Folder 6
Box 28, Folder 6, ICE Project Number 992
ICE Folder Name: martin-marietta Washington, DC, 1974
Content Summary: Evaluation of Martin-Marietta microelectronics activities

Box 28 (Series 16), Folder 7
Box 28, Folder 7, ICE Project Number 993
Content Summary: Agreement for consulting services with ITT, 1974

Box 28 (Series 16), Folder 8
Box 28, Folder 8, ICE Project Number 994
ICE Folder Name: eastman kodak - phase 3, 1974
Content Summary: Directives & updates on the Eastman Kodak account

Box 28 (Series 16), Folder 9
Box 28, Folder 9, ICE Project Number 995a
ICE Folder Name: Digital equipment corporation- failure analysis, p/q#1713, 1974

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

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Box 28, Folder 11, ICE Project Number 995c
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Content Summary: Failure analysis,, 1974

Box 28 (Series 16), Folder 12
Box 28, Folder 12, ICE Project Number 995d
ICE Folder Name: P/Q#1713
Content Summary: Failure analysis,, 1974 Appears to be copies

Box 28 (Series 16), Folder 13
Box 28, Folder 13, ICE Project Number 995e
ICE Folder Name: fairchild fc400m data log decoding, 6380a, 1974
Content Summary: 4 BIT Bi-directional shift register

Box 29 (Series 16), Folder 1
Box 29, Folder 1, ICE Project Number 995f

ICE Folder Name: 6380A, 1964 to 1974
Content Summary: Chip layout & process Counters, flip-flops & decoders analysis

Box 29 (Series 16), Folder 2
Box 29, Folder 2, ICE Project Number 995g

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

Box 29 (Series 16), Folder 3
Box 29, Folder 3, ICE Project Number 995h

ICE Folder Name: Failure analysis data sheets, 1973
Content Summary: XREF *989, TYPE 7439, sample 209, Date code: 7348

Box 29 (Series 16), Folder 4
Box 29, Folder 4, ICE Project Number 995i

ICE Folder Name: failure analysis data sheets signetics, 1973
Content Summary: Type N7474 Sample 159, Date Code:7341

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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

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

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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
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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

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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

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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

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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

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

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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

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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

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

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

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

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

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Content Summary: Type 8266, Sample 313, Date Code:7232

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

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Content Summary: Type 8266, Sample 261, Date Code:7344

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ICE Folder Name: Failure Analysis Data Sheets motorola, 1973
Content Summary: Type 8251, Sample 136, Date Code:7343
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ICE Folder Name: Failure Analysis Data Sheets ITT, 1973  
Content Summary: Type 7400, Sample 45, Date Code: 7329

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

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

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ICE Folder Name: failure analysis data sheets, texas instruments, 1973  
Content Summary: Type SN 74153 N, Sample 128, Date Code: 7317

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

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

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

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

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

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

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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

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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

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

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

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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 (Series 16), 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 (Series 16), 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 (Series 16), 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

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

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ICE Folder Name: failure analysis data sheets, signetics, 1973
Content Summary: Type 8235, Sample 319, Date Code: 7328
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ICE Folder Name: failure analysis data sheets, fairchild, 1973
Content Summary: Type 9N041 7404, Sample 221, Date Code: 7305

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

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

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

Box 30 (Series 16), Folder 2

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

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ICE Folder Name: failure analysis data sheets, signetics, 1973
Content Summary: Type 8266, Sample 262, Date Code: 7344

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Content Summary: Type DEC 9601, Sample 279, Date Code 7320

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Content Summary: Type 8235, Sample 31, Date Code: 7334
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ICE Folder Name: failure analysis data sheets, signetics, 1972
Content Summary: Type 8271, Sample 80, Date Code: 7216

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

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

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

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ICE Folder Name: failure analysis data sheets, signetics, 1973
Content Summary: Type 384A, Sample 14, Date Code: 7325

Box 30 (Series 16), Folder 11

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

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

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ICE Folder Name: failure analysis data sheets, signetics, 1972
Content Summary: Type 8251, Sample 19, Date Code: 7230
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ICE Folder Name: failure analysis data sheets, texas instruments, 1971
Content Summary: Type SN 97401 (SN 7401N), Sample 326, Date Code: 7117

Box 30 (Series 16), Folder 15
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ICE Folder Name: failure analysis Data sheets, texas instruments, 1971
Content Summary: Type SN 97401 (SN 7401N), Sample 325, Date Code: 7117

Box 30 (Series 16), Folder 16
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ICE Folder Name: failure analysis data sheets, texas instruments, 1973
Content Summary: Type SN 7474 N, Sample 6, Date Code: 7305

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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

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ICE Folder Name: failure analysis data sheets, texas instruments, 1972
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ICE Folder Name: failure analysis data sheets, texas instruments, 1973
Content Summary: Type SN 7416 N, Sample 15, Date Code: 7335

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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

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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 (Series 16), 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

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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

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Box 30, Folder 24, ICE Project Number 995iii
ICE Folder Name: failure analysis data sheets, signetics, 1973
Content Summary: Type N 74194 B, Sample 200, Date Code: 7347

Box 30 (Series 16), Folder 25
Box 30, Folder 25, ICE Project Number 996a
Content Summary: Hand-written notes, 1975

Box 30 (Series 16), Folder 26
Box 30, Folder 26, ICE Project Number 996b
Content Summary: RCA - reliability considerations for COS/MOS devices, 1975

Box 30 (Series 16), Folder 27
Box 30, Folder 27, ICE Project Number 996c
Content Summary: Sprague - reliability of plastic integrated circuits, 1976

Box 30 (Series 16), Folder 28
Box 30, Folder 28, ICE Project Number 996d
Content Summary: Some advanced techniques for device failure analysis - technical memo, 1975

Box 30 (Series 16), Folder 29
Box 30, Folder 29, ICE Project Number 996e
Content Summary: The Uti Journal, Vol.2 No. 2, 1976

Box 30 (Series 16), Folder 30
Box 30, Folder 30, ICE Project Number 996f
Content Summary: Advertisement - PCR Inc. "Reduce your rejects with HMDS", 1976

Box 30 (Series 16), Folder 31
Box 30, Folder 31, ICE Project Number 996g
Content Summary: Minutes of ASTM committee F-1, subcommittee, assembly, 1975

Box 30 (Series 16), Folder 32
Box 30, Folder 32, ICE Project Number 996h
Content Summary: CL75-620 Electrostatic discharge in microcircuits - reprint, 1975

Box 30 (Series 16), Folder 33
Box 30, Folder 33, ICE Project Number 996i
Content Summary: Packet of papers identifying problem areas with assembly, 1975

Box 30 (Series 16), Folder 34
Box 30, Folder 34, ICE Project Number 996j
Content Summary: Photograph, 1975

Box 30 (Series 16), Folder 35
Box 30, Folder 35, ICE Project Number 996k
Content Summary: Practical problems in the application of aluminum electromigration failure studies

Box 30 (Series 16), Folder 36
Box 30, Folder 36, ICE Project Number 996l
Content Summary: SEM applications to semiconductors

Box 30 (Series 16), 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

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Content Summary: Microcircuit manufacturing control handbook - a guide to failure analysis & process control, 1975

Box 30 (Series 16), Folder 39
Box 30, Folder 39, ICE Project Number 996o
ICE Folder Name: airforce handbook rough draft updates, 1974

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Box 30, Folder 40, ICE Project Number 996p
ICE Folder Name: radc f30602-74-c-0232 misc. CORRESPONDENCE, 1977

Box 30 (Series 16), Folder 41
Box 30, Folder 41, ICE Project Number 996q
ICE Folder Name: unused failure analysis

Box 30 (Series 16), Folder 42
Box 30, Folder 42, ICE Project Number 996r
ICE Folder Name: reliability handbook, 1975
Content Summary: Failure analysis

Box 30 (Series 16), Folder 43
Box 30, Folder 43, ICE Project Number 996s
Content Summary: News release - New Microcircuit manufacturing control handbook for the industry, 1975
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Box 31 (Series 16), Folder 1
Box 31, Folder 1, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Design

Box 31 (Series 16), Folder 2
Box 31, Folder 2, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Materials - EPI

Box 31 (Series 16), Folder 3
Box 31, Folder 3, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: surfaces - oxidation

Box 31 (Series 16), Folder 4
Box 31, Folder 4, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Diffusion

Box 31 (Series 16), Folder 5
Box 31, Folder 5, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Metallization

Box 31 (Series 16), Folder 6
Box 31, Folder 6, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Assembly

Box 31 (Series 16), Folder 7
Box 31, Folder 7, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Package sealing

Box 31 (Series 16), Folder 8
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ICE Folder Name: failure analysis summary
Content Summary: Problem area: Testing

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

Box 31 (Series 16), Folder 10
Box 31, Folder 10, ICE Project Number 996u

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

Box 31 (Series 16), Folder 11
Box 31, Folder 11, ICE Project Number 996u

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

Box 31 (Series 16), Folder 12
Box 31, Folder 12, ICE Project Number 996u

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

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Box 31, Folder 13, ICE Project Number 996u

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

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

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

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

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

Box 31 (Series 16), Folder 16
Box 31, Folder 16, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Package - Sealing

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

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

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

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

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

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

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

Box 31 (Series 16), Folder 21
Box 31, Folder 21, ICE Project Number 996u

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

Box 31 (Series 16), Folder 22
Box 31, Folder 22, ICE Project Number 996u

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

Box 31 (Series 16), Folder 23
Box 31, Folder 23, ICE Project Number 996u

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

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<td>Content Summary: Problem area: Diffusion</td>
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<tr>
<td>Box 31 (Series 16), Folder 26</td>
<td>Box 31, Folder 26, ICE Project Number 996u</td>
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<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Problem area: Metallization</td>
</tr>
<tr>
<td>Box 31 (Series 16), Folder 27</td>
<td>Box 31, Folder 27, ICE Project Number 996u</td>
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<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Problem area: Assembly</td>
</tr>
<tr>
<td>Box 31 (Series 16), Folder 28</td>
<td>Box 31, Folder 28, ICE Project Number 996u</td>
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<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Problem area: Package sealing</td>
</tr>
<tr>
<td>Box 31 (Series 16), Folder 29</td>
<td>Box 31, Folder 29, ICE Project Number 996u</td>
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<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Problem area: Testing</td>
</tr>
<tr>
<td>Box 31 (Series 16), Folder 30</td>
<td>Box 31, Folder 30, ICE Project Number 996u</td>
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<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Problem area: Applications</td>
</tr>
<tr>
<td>Box 31 (Series 16), Folder 31</td>
<td>Box 31, Folder 31, ICE Project Number 996u</td>
</tr>
<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Equipment description number 38</td>
</tr>
<tr>
<td>Box 31 (Series 16), Folder 32</td>
<td>Box 31, Folder 32, ICE Project Number 996u</td>
</tr>
<tr>
<td>ICE Folder Name: failure analysis summary</td>
<td>Content Summary: Problem area: Design</td>
</tr>
</tbody>
</table>
ICE Folder Name: failure analysis summary  
Content Summary: Problem area: Materials - EPI

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

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

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

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

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

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

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

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

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

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

Box 31 (Series 16), Folder 38
Box 31, Folder 38, ICE Project Number 996u

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

Box 31 (Series 16), Folder 39
Box 31, Folder 39, ICE Project Number 996u

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

Box 31 (Series 16), Folder 40
Box 31, Folder 40, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Applications

Box 31 (Series 16), Folder 41
Box 31, Folder 41, ICE Project Number 996u

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

Box 31 (Series 16), Folder 42
Box 31, Folder 42, ICE Project Number 996u

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

Box 31 (Series 16), Folder 43
Box 31, Folder 43, ICE Project Number 996u

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

Box 31 (Series 16), Folder 44
Box 31, Folder 44, ICE Project Number 996u

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

Box 31 (Series 16), Folder 45
Box 31, Folder 45, ICE Project Number 996u

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

Box 31 (Series 16), Folder 46
Box 31, Folder 46, ICE Project Number 996u

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

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

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

Box 31 (Series 16), Folder 48
Box 31, Folder 48, ICE Project Number 996u
ICE Folder Name: failure analysis summary
Content Summary: Problem area: Package Sealing

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

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

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

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

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

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

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

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

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

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

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

Box 32 (Series 16), 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 (Series 16), Folder 2
Box 32, Folder 2, ICE Project Number 996bb
Content Summary: Photographs - an early design silicon monolithic circuit
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<tr>
<th>Box 32 (Series 16), Folder 3</th>
<th>Box 32, Folder 3, ICE Project Number 996cc</th>
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<tr>
<td>Content Summary: Failure analysis summary - Problem area: assembly, 1975</td>
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<th>Box 32 (Series 16), Folder 4</th>
<th>Box 32, Folder 4, ICE Project Number 996dd</th>
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<td>Content Summary: Hand-written call reports</td>
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<th>Box 32 (Series 16), Folder 5</th>
<th>Box 32, Folder 5, ICE Project Number 996ee</th>
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<tr>
<td>Content Summary: Advertisement/description of dynamic junction profiler, 1975</td>
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<th>Box 32 (Series 16), Folder 6</th>
<th>Box 32, Folder 6, ICE Project Number 996ff</th>
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<tr>
<td>Content Summary: Photo: wire bond lifting off pad...visual observations</td>
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<th>Box 32 (Series 16), Folder 7</th>
<th>Box 32, Folder 7, ICE Project Number 996gg</th>
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<td>Content Summary: Photo: conductive particle on lead</td>
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<th>Box 32 (Series 16), Folder 8</th>
<th>Box 32, Folder 8, ICE Project Number 996hh</th>
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<tr>
<td>Content Summary: Misc. close-up circuit photos</td>
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<th>Box 32 (Series 16), Folder 9</th>
<th>Box 32, Folder 9, ICE Project Number 996ii</th>
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<td>Content Summary: Photo: 3 views of unidentified circuit</td>
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<th>Box 32 (Series 16), Folder 10</th>
<th>Box 32, Folder 10, ICE Project Number 996jj</th>
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<td>Content Summary: Failure analysis summary - Documents ready to go to the printer</td>
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<tr>
<th>Box 32 (Series 16), Folder 11</th>
<th>Box 32, Folder 11, ICE Project Number 996kk</th>
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<tr>
<td>ICE Folder Name: Misc. circuit picture</td>
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<th>Box 32 (Series 16), Folder 12</th>
<th>Box 32, Folder 12, ICE Project Number 996ll</th>
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<td>Content Summary: Misc. military correspondence &amp; documentation - photographs included</td>
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<th>Box 32 (Series 16), Folder 13</th>
<th>Box 32, Folder 13, ICE Project Number 996mm</th>
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<tr>
<td>ICE Folder Name: Nad cranl failure reports, 1974</td>
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<th>Box 32 (Series 16), Folder 14</th>
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<tr>
<td>Content Summary: Reliability engineering analysis report, 1977</td>
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<th>Box 32 (Series 16), Folder 15</th>
<th>Box 32, Folder 15, ICE Project Number 996oo</th>
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<td>ICE Folder Name: Nbs failure analysis, 1973</td>
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<th>Box 32 (Series 16), Folder 16</th>
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<tr>
<td>ICE Folder Name: Microcircuit manufacturing control handbook</td>
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<td>Box 33 (Series 16), Folder 1</td>
<td>Box 33, Folder 1, ICE Project Number 996qq</td>
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<td>ICE Folder Name: RADC handbook, 1976</td>
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<th>Box 33 (Series 16), Folder 2</th>
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<tr>
<td>ICE Folder Name: radc handbook, 1974</td>
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<td>Content Summary: copies of contract</td>
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<th>Box 33 (Series 16), Folder 3</th>
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<tr>
<td>ICE Folder Name: radc handbook</td>
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<td>Content Summary: Statement of work for reporting</td>
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<th>Box 33 (Series 16), Folder 4</th>
<th>Box 33, Folder 4, ICE Project Number 996tt</th>
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<tr>
<td>ICE Folder Name: radc handbook, 1976</td>
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<tr>
<th>Box 33 (Series 16), Folder 5</th>
<th>Box 33, Folder 5, ICE Project Number 997a</th>
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<tr>
<td>ICE Folder Name: hitachi america, ltd. p/q #1714, 1974</td>
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<td>Content Summary: Marked analysis, specific cost information, and crystal orientation</td>
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<tr>
<th>Box 33 (Series 16), Folder 6</th>
<th>Box 33, Folder 6, ICE Project Number 997b</th>
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<tr>
<td>ICE Folder Name: hitachi america, ltd., 1974</td>
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<td>Content Summary: A special analysis of the U.S&gt; circuit market (working copy)</td>
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<th>Box 33 (Series 16), Folder 7</th>
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<td>ICE Folder Name: hitachi america, ltd., 1974</td>
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<td>Content Summary: A special analysis of the U.S&gt; circuit market (original)</td>
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<th>Box 33 (Series 16), Folder 8</th>
<th>Box 33, Folder 8, ICE Project Number 997d</th>
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<tr>
<td>ICE Folder Name: hitachi america, ltd., 1974</td>
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<tr>
<td>Content Summary: 8 digit calculator &amp; chips/crystal questions, correspondence &amp; articles</td>
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| Box 33 (Series 16), 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 (Series 16), Folder 10

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 (Series 16)

ICE Folder Name: Western Electric, 1974
Content Summary: Patent summaries, Rockwell calculator and fixed charges for semiconductor patents or NOS patents

Box 33 (Series 16) Box 33, Folder 11, ICE Project Number 998c

ICE Folder Name: Western Electric, 1974
Content Summary: Management & financial report

Box 33 (Series 16), Folder 13

ICE Folder Name: Bowmar Canada limited, 1973, 1974
Content Summary: A prospectus for Bowmar—an investment opportunity in semiconductors, Product areas: LEDS, Silicon, B Polar, MO

Box 33 (Series 16) Box 33, Folder 14, ICE Project Number 999c

ICE Folder Name: Bowmar Canada limited, 1974
Content Summary: "...most important long term asset: electronic watch ..." a review of realities and alternatives

Box 34 (Series 16), Folder 1

ICE Folder Name: Bowmar Canada, limited, 1975
Content Summary: Fair market value study of the Bowmar/ Arizona Chandler facility

Box 34 (Series 16), Folder 2

ICE Folder Name: Bowmar, 1974
Content Summary: Correspondence-chips, calculators/watches

Box 34 (Series 16), Folder 3
Box 34, Folder 3, ICE Project Number 999f

ICE Folder Name: Bowmar, 1974
Content Summary: Engineering report E-1162 effects of impurities on the resonator & Lattice properties of quartz 11/2/1995

Box 34 (Series 16), Folder 4
Box 34, Folder 4, ICE Project Number 999g

ICE Folder Name: Bowmar, 1974
Content Summary: Engineering evaluation lab. & original notes

Box 34 (Series 16), Folder 5
Box 34, Folder 5, ICE Project Number 999h

ICE Folder Name: bowmar, 1974
Content Summary: Probe and final tests & original notes

Box 34 (Series 16), Folder 6
Box 34, Folder 6, ICE Project Number 999i

ICE Folder Name: Bowmar, 1974
Content Summary: Hand ledger copy of mfg. And application, eq. Hewlett Packard Digital Cur. Source

Box 34 (Series 16), Folder 7
Box 34, Folder 7, ICE Project Number 999j

ICE Folder Name: bowmar, 1975
Content Summary: Project to sell majority interest in Bowmar, Canada LTD.

Box 34 (Series 16), Folder 8
Box 34, Folder 8, ICE Project Number 999k

ICE Folder Name: bowmar, 1975
Content Summary: Attachment #4- office furniture and equipment

Box 34 (Series 16), Folder 9
Box 34, Folder 9, ICE Project Number 999l

ICE Folder Name: Bowmar, 1975
Content Summary: Facilities
Box 34 (Series 16), Folder 10  
ICE Folder Name: bowmar, 1975  
Content Summary: Summary of Bowmar semiconductor group

Box 34 (Series 16), Folder 11  
ICE Folder Name: bowmar, 1975  
Content Summary: Organization chart, history [time line] of Bowmar/Arizona’s semiconductor activity

Box 34 (Series 16), Folder 12  
ICE Folder Name: bowmar, 1974, 1975  
Content Summary: News clippings Chapter 11 to litigation

Box 34 (Series 16), Folder 13  
ICE Folder Name: bowmar, 1975  
Content Summary: Facilities and financial status

Box 34 (Series 16), Folder 14  
ICE Folder Name: bowmar, 1975  
Content Summary: Proprietary 1975 MOS process

Box 34 (Series 16), Folder 15  
ICE Folder Name: bowmar, 1975  
Content Summary: Proprietary 1975 BIPOLAR L2-8-2 process

Box 34 (Series 16), Folder 16  
ICE Folder Name: bowmar, 1975  
Content Summary: Manpower, skills, balance sheets, status, original notes

Box 34 (Series 16), Folder 17  
ICE Folder Name: bowmar, 1975
Content Summary: Material bipolar- diffusion Doc# 10B00059

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

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

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

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

Box 34 (Series 16), 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  
ICE Folder Name: ieee, 1977  
Content Summary: Microwave power transmission / satellite power systems "...from sci-fi to reality"

Box 35, Folder 7  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: Sale of Bowmar Canada and Promised Silicon Report

Box 35, Folder 8  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: Prospectus for Bowmar, Ltd. of Canada

Box 35, Folder 9  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: A proposal for silicon integrated circuit product capability at Bowmar/Canada

Box 35, Folder 10  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: Investment opportunity

Box 36, Folder 1  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: Prospect list [8x10 black book]

Box 36, Folder 2  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: Telephone calls & notes

Box 36, Folder 3  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: First cut evaluation of Bowmar's semiconductor for group asking price

Box 36, Folder 4  
ICE Folder Name: bowmar - motorola personnel, 1975  
Content Summary: Investment opportunity
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
ICE Folder Name: Western Electric, January 1975
Content Summary: The Role of Oxide Masking in the U.S. Semiconductor Market

Box 41, Folder 3
ICE Folder Name: Western Electric, February 1975
Content Summary: Calculator - Rockwell's 61R, 20R for Comparison Analysis (Photographs Included)

Box 41, Folder 4
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
ICE Folder Name: BOWMAR - BT Seminar, November 1974

Box 41, Folder 6
ICE Folder Name: MARTIN-MARIETTA, February 1975
Content Summary: Trip Report & Custom CMOS Development Project

Box 41, Folder 9
ICE Folder Name: ESL, Inc. Technology Seminar P/Q No. 1768
Content Summary: Wafer Technologies - Basic Technology Seminar, 1970

Box 41, Folder 10
ICE Folder Name: ESL, Inc. March 1975
Content Summary: Semiconductor Industry Analysis & Forecast

Box 41, Folder 11
ICE Folder Name: Eastman Kodak Facility Planning P/Q No. 1736
Content Summary: Consulting Agreement, October 1978
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

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

ICE Folder Name: SEACO, May 1975
Content Summary: From Murray to Dicken, Seaco vs. Motorola, Case Settled out of Court

Box 42, Folder 4

ICE Folder Name: P/Q No. 1790 GTE Lenkurt Seminar

Box 42, Folder 6

ICE Folder Name: Microprocessors
Content Summary: Microprocessor Technology, 1976

Box 42, Folder 8

ICE Folder Name: Interlek, June 1975
Content Summary: Confirmation of P/Q 10055

Box 42, Folder 9

ICE Folder Name: SYSTRON DONNER Hybrid Workshop P/Q No. 1773
Content Summary: Model 4831 Detector/Amplifier - Hybrid Wafer/Circuit, November 1975

Box 42, Folder 10

ICE Folder Name: Sytron-Donner Hybrid Design Workshop, July 1975

Box 42, Folder 11

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

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

ICE Folder Name: SYSTRON-DONNER
Content Summary: Hybrid Layout Time-Zero, Pioneer/Venus Probe, 1975

Box 44, Folder 4

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

Box 44, Folder 5

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

Box 44, Folder 6

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

Box 44, Folder 7

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

Box 44, Folder 8

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

Box 44, Folder 9

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

Box 45, Folder 1
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
ICE Folder Name: HYBRID STATUS
Content Summary: Survey on Hybrid Microelectronics Industry, 1976

Box 47, Folder 8
ICE Folder Name: HYBRID STATUS
Content Summary: Product Information 1976

Box 48, Folder 1
ICE Folder Name: HYBRID STATUS
Content Summary: Information on Hybrid Industries, 1976

Box 48, Folder 2
ICE Folder Name: Failure Analysis Sem.
Content Summary: 1976 Seminar Registrations and Information

Box 48, Folder 3
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
ICE Folder Name: Martin-Marietta
Content Summary: Qualifications of Microelectronics Personnel 1976

Box 48, Folder 5
ICE Folder Name: STROMBERG - CARLSON
Content Summary: Cross Point Switch Failures SA-6960 May, 1976

Box 49, Folder 1
ICE Folder Name: STROMBERG - CARLSON
Content Summary: Cross Point Switch Failures for Stromberg 2X2 SN21960, 1960 (Photograph Included)

Box 49, Folder 2
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

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
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
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
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
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
ICE Project Number 10148a

ICE Folder Name: Cutler-Hammer
Content Summary: Base Junction Determination, 1976 (Blueprints and Reference Materials Included)

Box 54, Folder 6
ICE Project Number 10148b

ICE Folder Name: Cutler-Hammer
Content Summary: Base Junction Determination, 1976

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 58A  Series 16 material, contents unknown

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
Series 16: Project Files

I.C.E. Integrated Circuit Collection

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

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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
Box 113, Folder 7
Box 113, Folder 7, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Content Summary: guest letters.

Box 113, Folder 8
Box 113, Folder 8, ICE Project Number 10459

ICE Folder Name: STATUS MIDTERM 79', April 09, 1979
Content Summary: registration for Aug. 15 seminar

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: correspondence

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 I 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: session II 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: miscellaneous 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 IV masters

Box 113, Folder 14
Box 113, Folder 14, ICE Project Number 10460

ICE Folder Name: STATUS 79' MIDTERM SEMINAR 8-15-79, April 09, 1979
Content Summary: session VI masters
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
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

Page 204 of 315
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

ICE Folder Name: WESTERN DESIGN CENTER, INC, Jan 07, 1980
Content Summary: assigned tasks

Box 116, Folder 10

ICE Folder Name: SILICON GENERAL, Nov 18, 1979
Content Summary: analysis of 723 voltage regular circuit

Box 116, Folder 11

ICE Folder Name: SILICON GENERAL, Nov 18, 1979
Content Summary: rlh- analysis of 153

Box 117, Folder 1

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

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

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

ICE Folder Name: CII HONEYWELL BULL/PARIS, Dec 28, 1978
Content Summary: IC/failure analysis seminar June 5-8, 1979

Box 117, Folder 5

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 AEROSPACE/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: appendicies 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

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979
Content Summary: monosil CMOS

Box 119, Folder 5

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979
Content Summary: miscellaneous

Box 119, Folder 6

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979
Content Summary: wafer processors/suppliers MOS

Box 119, Folder 7

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979
Content Summary: bipolar - layout rules - spec 10498-02

Box 119, Folder 8

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

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979
Content Summary: correspondence

Box 119, Folder 10

ICE Folder Name: ICE STATUS ’80 SEMINAR JAN. 28, 1980, PENTAGON CITY, ARLINGTON, VA, Sept 21, 1979

Box 119, Folder 11

ICE Folder Name: ILC DATA DEVICE CORP - TRAINING PROGRAM, July 13, 1979
Content Summary: correspondence
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

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

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

ICE Folder Name: LM 195 PROTECTED POWER TRANSISTOR, Oct 31, 1979
Content Summary: (contains original photos)

Box 120, Folder 2

ICE Folder Name: SECTION #7 OVERLAY, Oct 31, 1979

Box 120, Folder 3

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

ICE Folder Name: POWER TRANSISTER LM 195, Oct 31, 1979
Content Summary: Rod Schwartz- Motorola- review of the lm 195 orig. photos

Box 120, Folder 5

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 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 EXERCISES, 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
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
ICE Folder Name: SEMI PRESENTATION, NEWPORT BEACH, CA- JAN. 27-30, 1980, June 13, 1979
Content Summary: correspondence

Box 124
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
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
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
ICE Folder Name: TETRONIX, June 15,1979
Content Summary: IC lab design & layout for r&d equip. selection. Miscell.

Box 125, Folder 5
ICE Folder Name: TETRONIX, June 15,1979
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

ICE Folder Name: NIKON INSTRUMENT CORP, Mar 09, 1979
Content Summary: req for optical instrum. In IC mfg correspondence & notes

Box 125, Folder 7

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

ICE Folder Name: STATUS '80 SEMINAR, Aug 20, 1979
Content Summary: Feb. 6, 1980- Rickeys Hyatt House, Palo Alto, CA

Box 125, Folder 9

ICE Folder Name: IMPLEMENTATION OF IC TECH, Jan 24, 1980
Content Summary: seminar- Phoenix, AZ. Feb. 26-27/80

Box 125, Folder 10

ICE Folder Name: FAILURE AVOIDANCE SEMINAR, Feb 14, 1980
Content Summary: Double Tree Inn, Scottsdale, AZ Apr. 11-12, 1980.

Box 125, Folder 11

ICE Folder Name: 3M COMPANY, July 20, 1979
Content Summary: lo analysis of supplied carts (porch order only)

Box 125, Folder 12

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

ICE Folder Name: ITT (GRM PRESENTATION "FUTURE TRENDS IN VLSI"), June 25, 1979
Content Summary: drafts
Box 126, Folder 2
ICE Folder Name: ITT (GRM PRESENTATION "FUTURE TRENDS IN VLSI"), June 25, 1979
Content Summary: correspondence

Box 126, Folder 3
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
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: site selection study

Box 126, Folder 5
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: new LSIO facility

Box 126, Folder 6
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: microelectronic training resources

Box 126, Folder 7
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: LSI study/ sector LSI planning group

Box 126, Folder 8
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: report- managing LSI/CHSI technology (GE Utica, NY)

Box 126, Folder 9
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: correspondence, call reports, internal memo's

Box 126, Folder 10
ICE Folder Name: GENERAL ELECTRIC, VALLEY FORGE, April 1979
Content Summary: "y" miscellaneous

Box 126, Folder 11
ICE Folder Name: FORD AEROSPACE & COMMUNICATIONS 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 & COMMUNICATIONS 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: alphatron 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: alphatron 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: alphatron 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 various companies for acquisition Nano/Nitron, EM&M (Elect. Mem & Mag)

Box 127, Folder 14
Box 127, Folder 14, ICE Project Number 10526

ICE Folder Name: GTE ANALYSIS FOR 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 FOR 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-triggerd thyristors for elect. Power systems. Ge research report

Box 129, Folder 6
Box 129, Folder 6, ICE Project Number 10550
ICE Folder Name: LEAR-SIEGLER, SIERRA ELECTRONICS CO (DIV.) (MHE), Oct 11, 1979
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 INTRUMENTS, 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 tranparencies

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,

Box 129, Folder 14
Box 129, Folder 14, ICE Project Number 10558

ICE Folder Name: FAILURE AVOIDANCE SEMINAR, UNIV. BORDEAU,
Content Summary: correspondence

Box 130, Folder 1
Box 130, Folder 1, ICE Project Number 10559

ICE Folder Name: APEM ELECTRONIC SYSTEM 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 SYSTEM 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. semiconductor 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 polymide 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 polymide 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 polymide 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

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

ICE Folder Name: EXXON ENTERPRISES, Sept 19, 1980
Content Summary: market study for high-density CMOS ROM miscellaneous

Box 137, Folder 3

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

ICE Folder Name: WESTERN DIGITAL CORP. GRM/HKD, Nov 03, 1980
Content Summary: 4" wafer fab. Facility acquisition miscellaneous

Box 137, Folder 5

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

ICE Folder Name: STATEGIC 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 & Micral & 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 & Micral & 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 & Micral & 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 STATEGY SURVEY, Dec 22, 1980

Box 139, Folder 7
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ICE Folder Name: A STUDY OF MERCAHNT IC MARKET STATEGY, Dec 22, 1980

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ICE Folder Name:
Content Summary: empty folder

Box 140, Folder 2
Box 140, Folder 2, ICE Project Number 10858

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**ICE Folder Name:** empty folder

Box 140, Folder 4  
**ICE Folder Name:** WESTINGHOUSE - YOUNGWOOD, PA., Jan 16, 1980  
**Content Summary:** consultation automated wafer handling & equip.

Box 140, Folder 5  
**ICE Folder Name:** GENERAL ELECTRIC - VALLEY FORGE, Feb 14, 1980  
**Content Summary:** proposed microelectronics center

Box 140, Folder 6  
**ICE Folder Name:** GENERAL ELECTRIC - VALLEY FORGE, Feb 14, 1980  
**Content Summary:** proposed microelectronics center correspondence

Box 140, Folder 7  
**ICE Folder Name:** GENERAL ELECTRIC - VALLEY FORGE, Feb 14, 1980  
**Content Summary:** proposed microelectronics center original 10611 mgmt approaches for captive LSI facilities

Box 140, Folder 8  
**ICE Folder Name:** GENRAD, Feb 19, 1980  
**Content Summary:** genrad circuit 934 b/p 5434-0130 custom driven/sensor IC

Box 140, Folder 9  
**ICE Folder Name:** FISHER PRICE, Feb 08, 1980  
**Content Summary:** failure analysis of digital chip report orig. photo's

Box 141, Folder 1  
**ICE Folder Name:** FISHER PRICE, Feb 08, 1980  
**Content Summary:** failure analysis of digital chip report Siltronics correspondence
Box 141, Folder 2  
ICE Folder Name: FISHER PRICE, Feb 08, 1980  
Content Summary: failure analysis of digital chip report Siltronics schematics

Box 141, Folder 3  
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  
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  
ICE Folder Name: GENERAL DYNAMICS, April 25, 1980  
Content Summary: eng. services, rep't on CMOS LCA facility

Box 141, Folder 6  
ICE Folder Name: FISHER PRICE TOYS, April 15, 1980  
Content Summary: circuit inefficiencies

Box 141, Folder 7  
ICE Folder Name: SUMITOMO FACILITY PLANNING PHASE III, June 19, 1980  
Content Summary: competitive equipment quote ROM teksez

Box 141, Folder 8  
ICE Folder Name: SUMITOMO FACILITY PLANNING PHASE III, June 19, 1980  
Content Summary: gas systems

Box 142, Folder 1  
ICE Folder Name: SUMITOMO, July 30, 1979  
Content Summary: new IC r&d plant-Osaka, Japan
Box 142, Folder 2

ICE Folder Name: SUMITOMO ELECTRIC, USA, INC, Aug 1980
Content Summary: bipolar linear design library

Box 142, Folder 3

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

ICE Folder Name: RIFA, SPANGA, SWEDEN/CONULTING 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

ICE Folder Name: RIFA, SPANGA, SWEDEN/CONULTING SERV. YIELD IMPROVEMENT, June 18, 1980
Content Summary: original transparencies (mask sets/circuits)

Box 143, Folder 3

ICE Folder Name: RIFA, SPANGA, SWEDEN/CONULTING SERV. YIELD IMPROVEMENT, June 18, 1980
Content Summary: correspondence / original photos 18 polaroids 30 (2x3) taped together

Box 143, Folder 4

ICE Folder Name: RIFA, SPANGA, SWEDEN/CONULTING SERV. YIELD IMPROVEMENT, June 18, 1980
Content Summary: 12l layout rules

Box 143, Folder 5

ICE Folder Name: RIFA, SPANGA, SWEDEN/CONULTING SERV. YIELD IMPROVEMENT, June 18, 1980
Content Summary: original artwork/figures (test masks)

Box 143, Folder 6
ICE Folder Name: SPERRY UNIVAC, Oct 03, 1980
Content Summary: engineering services to design microwave micro circuit fabrication process

Box 143, Folder 7

ICE Folder Name: MONSANTO, WAFFER FAB. MODELING, Aug 15, 1980

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ICE Folder Name: MONSANTO, WAFFER FAB. MODELING, Aug 15, 1980
Content Summary: rept. HMOS process model dtd Jan. 1981

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ICE Folder Name: MONSANTO, WAFFER FAB. MODELING, Aug 15, 1980
Content Summary: rept. HMOS process model, preliminary material for SWP TII DTD. July 1981

Box 143, Folder 10

ICE Folder Name: MONSANTO, WAFFER FAB. MODELING, Aug 15, 1980
Content Summary: rept. Silicon gate CMOS process model DTD. June 1981

Box 143, Folder 11

ICE Folder Name: MONSANTO, WAFFER FAB. MODELING, Aug 15, 1980
Content Summary: rept. Bipolar Schottky t2l process model master copy DTD Feb. 1981(11800)

Box 143, Folder 12

ICE Folder Name: DIGITAL EQUIPMENT, Oct 20, 1980
Content Summary: equipment lists & layouts

Box 144, Folder 1

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

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: AEROSPACE 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 angelos, 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 COMPETETIVE 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 drawings topology and cross section of NEC pd41gd (date code 822)

Box 145, Folder 2
 Box 145, Folder 2, ICE Project Number 13880
ICE Folder Name: SMC MICROSYSTEMS CORP, Feb 26, 1981
Content Summary: anal. of IMS-1400-55 16k SRAM (ajd)

Box 145, Folder 3

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

ICE Folder Name: RAYMOND ENGINEERING, Feb 11, 1981
Content Summary: failure analysis of RCA 5114 static RAM sample

Box 145, Folder 5

ICE Folder Name: DEC, July, 1980
Content Summary: site location analysis for an LSI facility

Box 145, Folder 6

ICE Folder Name: DEC (HUDSON, MA), March11, 1980
Content Summary: LSI mfg, facility seminar (9/22-9/26)

Box 145, Folder 7

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 9

ICE Folder Name: CUSTON LSI- IMPLEMENTATION SEMINAR PHONIXM ARIZ, 12/4-5/1980, Nov 17, 1980

Box 145, Folder 10

ICE Folder Name: REPORT "LSI DESIGN USING CAD", Sept 24, 1980
Content Summary: (file- implementation, Oct. 16-17, 1980)

Box 145, Folder 11
ICE Folder Name: MID-TERM STATUS - PALO ALTO AUG. 26, 1980, May 05, 1980
Content Summary: seminar, master copy

Box 146, Folder 1

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

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

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ICE Folder Name: HARRIS SEMICONDUCTOR, April 14, 1980
Content Summary: IC processing u of a

Box 146, Folder 4

ICE Folder Name: BASIC TECHNOLOGY SEMINAR, April 08, 1980
Content Summary: Arlington, VA. Sept. 03, 1980

Box 146, Folder 5

ICE Folder Name: SUMITOMO ELECTRIC, Dec 17,1979
Content Summary: integrated circuit design training

Box 146, Folder 6

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

ICE Folder Name: APPLICON INC., Sept 04, 1980
Content Summary: MOS IC design seminar
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ICE Folder Name: General Instrument v. McDonnell Douglas, 08/04/1976
Contents: Plaintiff's Answers to 1st Set of Interrogatories

Box 9, Folder 4  ICE Project Number 10119

ICE Folder Name: Nortec v. AMS, 05/25/1976
Contents: ICE Photo-ready Report on Pinhole Test

Box 9, Folder 5  ICE Project Number 10119

ICE Folder Name: Nortec v. AMS, 05/25/1976
Contents: Photographs of Contaminaton on Wafer from McCrone Associates

Box 9, Folder 6  ICE Project Number 10119

ICE Folder Name: Nortec v. AMS, 05/25/1976
Contents: Analysis of the Technology Associates Report & O.D. Trapp Testimony
Summary: preliminary report

Box 9, Folder 7a  ICE Project Number 10164

ICE Folder Name: Western Electric v. Stuart Warner, 05/11/1977
Contents: Glen Madland's Correspondence & Phone Logs for the Case

Box 9, Folder 7b  ICE Project Number 10164

ICE Folder Name: Western Electric v. Stuart Warner, 05/11/1977
Contents: Glen Madland's Correspondence & Phone Logs for the Case

Box 10 (Series 17), Folder 1  ICE Project Number 10178

ICE Folder Name: Time Computer v. Fairchild, 01/17/1977
Contents: Robert Le Blanc Correspondence
Box 10 (Series 17), Folder 2
ICE Project Number 10178

ICE Folder Name: Time Computer v. Fairchild, 01/17/1977
Contents: Color Magnified View of Circuit C-232-1

Box 10 (Series 17), Folder 3
ICE Project Number 10187

ICE Folder Name: Harry Weiss, 01/27/1977
Contents: Seminar Development

Box 10 (Series 17), Folder 4
ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Exhibit Photograph

Box 10 (Series 17), Folder 5
ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Analysis of Consulting Services by ICE to FROMHOLT of Morrison Forester Law Firm

Box 10 (Series 17), Folder 6
ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Protective Order RE: Confidential Information

Box 10 (Series 17), Folder 7
ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 6 Photographs NCR 2401

Box 10 (Series 17), Folder 8
ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Nitron's 3400 & 2401 Device Info.

Box 10 (Series 17), Folder 9
ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Reference File

Box 10 (Series 17), Folder 10
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Index to Depositions, Docs. & Declarations

Box 10 (Series 17), Folder 11
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Trial Briefs & Memos of Defendants

Box 10 (Series 17), Folder 12
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Copies of Claim Reports & Trial Transcripts

Box 10 (Series 17), Folder 13
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Subject Index for Deposition, Documents & Declarations

Box 10 (Series 17), Folder 14
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Plaintiff's Answers to Defendants First Set of Interrogatories

Box 11, Folder 1
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 200508-514 Doc. Change Request

Box 11, Folder 2
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 28523-585 Spence's Experimentation Notes

Box 11, Folder 3
ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 20068-749 Spence's Notebook
Box 11, Folder 4  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 200586-607 Nitron Internal Memos

Box 11, Folder 5  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: Nitron Internal Info. Continue

Box 11, Folder 6  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 200750-830 Technical Paper Abstracts

Box 11, Folder 7  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 200832-886 1975 IEEE Workshop Notes; Spence Paper on "

Box 11, Folder 8  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 200887-966 Non-Volatile Semiconductor Memory Workshop

Box 11, Folder 9  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 200967 2 Pps: "Channel Select Memory Module," "Electronic Turning System for TV Receivers"

Box 11, Folder 10  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 201000-040 Spence's Notes; Copies of IEEE Journal

Box 11, Folder 11  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976  
Contents: 201050-183 Spence's Notebook "Nitron Reactor MNOS Memory Structure"

Box 12, Folder 1  
ICE Project Number 10206  
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 200281-318 Product Specifications (1977)

Box 12, Folder 2  ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 200337-506 Document Change Requests

Box 12, Folder 3  ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 200337-506 continued

Box 12, Folder 4  CE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: 20000-280 Process Specs (1977)

Box 12, Folder 5  ICE Project Number 10206
ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Index of Nitron Documents Produced to Plaintiffs
Summary: with orig. notes

Box 12, Folder 6  ICE Project Number 10206

ICE Folder Name: NCR v. McDonnell Douglas, 08/04/1976
Contents: Copy of Index of Nitron Documents Produced to Plaintiffs

Box 13 (Series 17), Folder 1  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: 20265-295 Wafer Tests

Box 13 (Series 17), Folder 2  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Wendell Spence Deposition p. 1-179

Box 13 (Series 17), Folder 3  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Wendell Spence Deposition - 180-319
Box 13 (Series 17), Folder 4
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: ICE Case Research

Box 13 (Series 17), Folder 5
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: B&W Enlargement Photo

Box 13 (Series 17), Folder 6
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Mill's Notes

Box 13 (Series 17), Folder 7
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Nitron Process Flow

Box 13 (Series 17), Folder 8
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Patents

Box 13 (Series 17), Folder 9
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Patents

Box 13 (Series 17), Folder 10
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Products/Circuits

Box 14, Folder 1
ICE Project Number 10206
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: MNOS Speed Process
Box 14, Folder 2  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: GI/HUD Files

Box 14, Folder 3  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: B&W Photographs

Box 14, Folder 4  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: Plaintiff's Answers to Defendants 1st Set of Interrogatories

Box 14, Folder 5  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: Complaint for Misappropriations of Trade Secret Information

Box 14, Folder 6  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: Affidavit of Richard Moore  
Summary: req, for temp. restraining order

Box 14, Folder 7  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: Affidavit of J.T. Cavender

Box 14, Folder 8  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: Application for Temp. Restraining Order & Order to Show Cause

Box 14, Folder 9  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976  
Contents: Legal Memo of Points And Authorities … Order to Show Cause

Box 14, Folder 10  
ICE Project Number 10206  
ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Temporary Restraining Order

Box 14, Folder 11  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Affidavit of James T. Kendall

Box 14, Folder 12  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Legal Petitions

Box 14, Folder 13  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: ICE Contract

Box 14, Folder 14  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: B&W Camera Ready Photographs

Box 14, Folder 15  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Glen Madland's Handwritten Notes

Box 14, Folder 16  ICE Project Number 10206

ICE Folder Name: NCR v. Nitron, 08/04/1976
Contents: Original Handwritten Notes for 10106-10107

Box 15 (Series 17), Folder 1  File Name A-1, Folder Number 1, 11/21/1968

Letter To: Glen Madland From: Jack Brown
Contents: Acknowledgment and statement concerning order imposing plaintiff's interrogatory; blank copy of order imposing confidentiality

Box 15 (Series 17)  File Name A-1, Folder Number 1, No Date
Acknowledgment and statement concerning order imposing confidentiality; signed by Glen Madland

Box 15 (Series 17)  File Name A-1, Folder Number 1, 10/21/1968
Memo To: Eugene Blanchette From: William Farrow
Contents: Proposal for an advanced wafer fabrication training program

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/24/1968

Memo To: Frank Bower From: Glen Madland
Contents: Technical information for Fairchild

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/24/1968

Memo To: Eugene Blanchette From: Glen Madland
Contents: Contains a summary of tasks that have been assigned to ICE as a result of a meeting in Phoenix (October 8&9, 1968)

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/23/1968

Memo To: Glen Madland From: Harold Bell
Contents: Fairchild Project - work statement for updating and expanding the plastic packaging portion of integrated circuit assembly process compendium

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/15/1968

Memo for file By: Glen Madland
Contents: Telephone call from Jack Brown - sending trade secret stipulations from Motorola, concerning expert witnesses

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/11/1968

Cover Letter To: Jack Brown From: Glen Madland
Contents: Informing Mr. Brown about ICE expertise with integrated circuit work

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/10/1968

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

Box 15 (Series 17) File Name A-1, Folder Number 1, 10/15/1968

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

Box 15 (Series 17), Folder 1 File Name A-1, Folder Number 1, 10/03/1968

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

Box 15 (Series 17)  File Name A-1, Folder Number 1, undated
Page titled "Fairchild" containing one sentence about an upcoming meeting between Bower, Hume and Setos (Fairchild Representatives)

Box 15 (Series 17)  File Name A-1, Folder Number 1, 09/23/1968
Call contact report By: Glen Madland

Box 15 (Series 17)  File Name A-1, Folder Number 1, 09/29/1968
Contact record between Glen Madland and Roger Borovoy (Project #371)
Contents: Handwritten notes

Box 15 (Series 17)  File Name A-1, Folder Number 1, 09/20/1968
Confirmation of telephone conversation To: Roger Borovoy From: Glen Madland

Box 15 (Series 17)  File Name A-1, Folder Number 1, 09/19/1968
Cover letter To: William Drummond From: Glen Madland
Contents: Enclosed records pertaining to several phone conversations and letters

Box 15 (Series 17)  File Name A-1, Folder Number 1, 09/16/1968
Letter To: Lester Hogan From: Frank Bower
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 Report

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 (Series 17), 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 (Series 17), Folder 1
File Name I-2, Folder Number 1 (cont.), Exhibit #52

Memo To: Howard Dicken, Gary Orman, Bill Farrow, Bob McLellan From: Glen Madland
Contents: Re: Publication of "A Review of semiconductor Fabrication Technology"

Box 20 (Series 17) File Name I-2, Folder Number 1 (cont.), Exhibit #51 03/14/1969

Confidential letter To: Jack Brown
Contents: Re: Copy of Motorola vs. Fairchild Cross-Index

Box 20 (Series 17) File Name I-2, Folder Number 1 (cont.), Exhibit #50

Letter To: Roger Borovoy From: Jack Brown
Contents: Re: Information on government publications

Box 21 (Series 17), Folder 1
File Name J-1, Folder Number 1, undated

Motorola vs. Fairchild - Civil Action 36808 -- Phx.
Contents: Defendant's answers to Plaintiff's interrogatories served
11/19/1968

Box 21 (Series 17) Other litigation actions involving ICE

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