

# SIRIUS

## The Information Tool for Electronics

The Electronics is one of the fastest moving technology in the world. Quick access to comprehensive information and fast research time are keys to success. By using The SIRIUS CD-ROM Collection, you will save time in the component selection process, increase productivity and reduce documentation costs.

### Features

The SIRIUS CD-ROM Collection, consists of information on over 389.000 integrated circuits and discrete semiconductors from 111 manufacturers worldwide. The database contains data on digital, linear, interface, memory, and microprocessor ICs, transistors, diodes, thyristors, mosfets and optoelectronic devices. The database is updated every two months with new CD-ROM's containing approximately 600 Mb of new technical information.

### Functions

The SIRIUS CD-ROM Collection has many functions that allow user to:

- Quickly select components.
- Conduct competitive analyses.
- Compare circuits information side-by-side.
- Search for component by part number, generic number, function or electrical characteristics.
- Identify cross-references for Discrete Semiconductors.
- View manufacturers' datasheets, application notes, package drawings and technical specifications.
- Search for Applications notes by subject or by manufacturer.
- Find the Internet address on over 600 manufacturers worldwide.

### Database contents

This is an non-exhaustive list of component categories represented in our database.

A/D & D/A Converters  
Amplifiers  
Analog/Digital  
Analog Signal Processing  
Automotive Circuits  
BiCMOS Bus Interface Logic  
Bipolar IC's  
Bus Termination Product  
Communications circuits/controllers  
Comparators  
Computer: Audio/Video , Peripheral/Products  
Consumer Products  
CPU Supervisors  
Data Acquisition, Data Communications, Data Transmission  
Digital Signal Processors  
Digital Switching and Networking Components  
Discrete: Bipolar Transistors, Diodes, Power MOSFETs, MCTs/IGBTs, Thyristors, Unijunctions  
Drivers Circuits  
Filters  
FPGA, Configurable Logic, Programmable Logic

Graphics Accelerators  
 I<sup>2</sup>C Peripherals  
 Image Sensors, LCD and Peripherals  
 Linear/Interfaces Circuits  
 Logic: AHC-AHCT, CMOS, High-Speed CMOS,C<sup>2</sup>MOS, BiCMOS, LMOS, TTL, Military ALS/FAST/LS/TTL  
 Memories: DRAM, SRAM, EDRAM, NVRAM, EPROM, EEPROM, Flash, FIFO, Modules  
 Microcontrollers/Microprocessors  
 Mixed Signal Products  
 Multimedia IC's  
 Optoelectronic Devices  
 Power Products, Peripheral Drivers/Actuator  
 Protection Circuits  
 Radiation Hardened ICs  
 Radio and Audio Systems  
 Serial/Optical Communication  
 Silicon Controlled Rectifiers & Triacs  
 Silicon Power Transistors & Hybrid Power Modules  
 Telecom Systems  
 Telephone Circuits  
 Television and Video Systems  
 Thermal and Battery Management  
 Voice recording  
 Wireless Communications

## CD-ROM Contents

The database is completed every two months with new CD-ROM's containing approximately 600 Mb of new technical information. The actual collection contains 21 CD-ROM. If you wish to find out what's inside our CD-ROM's, please read the attached appendix. Sirius is available in single-user license and network versions.

## System Requirements

Windows 95/98/2000, NT 4.0, Me, XP - Video card 65536 colors - CD-ROM drive(s) - 128 Mb Memory - 36 Mb free disk space.

### ANNEXE

Available documents in the actual collection (October 2002)  
 21 CD's, 389.000 circuit references, 3.440 applications notes, 111 manufacturers, 768.300 pages of technical information.

Volume 1 - 82.000 references – 82.100 pages of information

#### **Analog Devices**

Amplifier Reference Manual (1992)  
 Special Linear Reference Manual (1992)

#### **Catalyst**

Data Book (1992/93)

#### **Hewlett Packard**

Optoelectronics Designer's Catalog (1993)

#### **Linear Technologies**

Linear Databook -Volume III (1994)

#### **Maxim**

New Releases Data Book -Volume III (1994) (partial)  
 New Releases Data Book -Volume IV (1995) (partial)

#### **Motorola**

DL118/D Rev.5 Optoelectronics Device Data (1995)  
 DL128/D Rev.4 Linear/Interfaces ICs -Vol.1 (1993)  
 DL128/D Rev.4 Linear/Interfaces ICs -Vol.2 (1993)

#### **National Semiconductors**

Interface / Data Transmission Databook (1994)  
 Operational Amplifiers Databook (1993)

#### **Philips**

General-Purpose Linear ICs - IC11 (1995)

#### **SGS-Thomson**

Video Products 2nd Edition (1994)

#### **Temic**

Semiconductors for Communications (1994) (partial)

#### **Texas Instruments**

Data Acquisition Circuits-Mixed Signal Products (1995)  
 Operational Amplifiers and Comparators -Volume A (1995)

Operational Amplifiers and Comparators -Volume B (1995)

Optoelectronics and Image Sensors (1990)

#### **Discrete Semiconductors (63.000 references)**

Thyristors, Bipolar Transistors, Unijunctions, Mos Fets,

Volume 2 - 74.000 references – 18.800 pages of information

**Catalyst**

92-93 Data Book (1992-1993)

**Cypress**

High Performance Databook (1993)

**Intel**

Flash Memory -Volume 1 (1995)

Flash Memory -Volume 2 (1995)

Flash Memory Documentation Update (1995)

**Maxim**

New Releases Data Book -Volume III (1994) (continued from Vol1)

New Releases Data Book -Volume IV (1995) (continued from Vol1)

**Motorola**

DL 155/D Rev.1 Dynamics RAMs and Memory Modules (1994)

DL121/D Rev.5 FAST and LS TTL Data (1992)

DL129/D Rev.5 High-Speed CMOS Data (1993)

DL131/D Rev.3 CMOS Logic Data (1991)

Volume 3 - 12.000 references – 16.600 pages of information

**Actel**

FPGA Data-book and design guide (1995)

**AMD (Advanced Mico Devices)**

EPROM Products Data Handbook (1995/96)

Flash Memory Products Data Handbook (1996)

MACH 1, 2, 3 and 4 Family Data Book (1995)

PAL devices Data-book and Design guide (1996)

**Atmel**

AVR Enhanced RISC Microcontroller (1996)

Configurable Logic (1995)

**Benchmark**

1996 Data Book (1996)

**Burr-Brown**

Data conversion Products (1995)

Linear Products (1995)

**Comlinear**

High-Performance Analog and Mixed-Signal Products (1995)

**Cypress**

Programmable Logic (1996)

**Enhanced Memory Systems**

EDRAM 1996 Data Book (1996)

Volume 4 - 10.000 references – 18.500 pages of information

**Atmel**

Non Volatile Memory (1996)

**Dallas**

Automatic Identification Data Book - Touch Memories (1994)

**Elantec**

New Products Supplement (1995)

**Exar**

Data Acquisition Products (1995)

**Motorola**

DL142 Military ALS/FAST/LS/TTL Data (1989)

M68HC11 Référence Manual (1996)

MC68HC11A8 Technical Manual (1997)

**Sanyo**

Audio-Use MOS Integrated Circuits - EDK11 (1993)

Memories (1996)

Diodes

**MHS**

Memories (1994)

**National Semiconductors**

Memory Databook (1994)

**Philips**

Desktop Video - IC22 (1995)

Semiconductors for Radio and Audio Systems - IC01A (1995)

Semiconductors for Radio and Audio Systems - IC01B (1995)

Semiconductors for Television and Video Systems - IC02A (1995)

Semiconductors for Television and Video Systems - IC02B (1995)

Semiconductors for Television and Video Systems - IC02C (1995)

**Temic**

Semiconductors for Communications (1994) (continued from Vol1)

**Texas Instruments**

High-Performance FIFO Memories (1993)

High-Speed CMOS Logic (1993)

TTL Data Book -Volume 1 (1993)

**ISD**

Voice recording and playback ICs (1996)

**Maxim**

New Releases Data Book -Volume V (1996)

**Micron**

DRAM Databook (1996)

Flash Memory Databook (1996)

SRAM Databook (1996)

**National Semiconductors**

National Application Specific Analog Products Databook (1995)

National Data Acquisition Databook (1995)

National Operational Amplifiers Databook (1995)

National Power ICs Databook (1995)

**RF Micro Devices**

1995 Designer's Handbook (1995)

**Simtek**

nvSRAM Data Book (1995)

**Temic**

RF ICs for Wireless Communications (1996)

**Texas Instruments**

Linear Circuits, Power Products, Peripheral Drivers/Actuators (1996)

Power Supply Circuits-Mixed Signal Products (1996)

**Philips**

16-bit 80C51XA Microcontrollers (Extended Architecture) - IC25 (1996)

8048-based 8-bit Microcontrollers - IC14 (1994)

BiCMOS Bus Interface Logic - IC23 (1996)

HE4000B Logic Family CMOS - IC04 (1995)

I<sup>2</sup>C Peripherals - IC12

ICs for Data Communications - IC19 (1995)

Low Voltage CMOS & BiCMOS Logic - IC24 (1996)

Semiconductor for Telecom Systems - IC03 - (1995)

Semiconductors for Wireless Communications - IC17 (1996)

**Texas Instruments**

AHC-AHCT Logic (1996)

Data Transmission Circuits Vol.1 (1995-1996)

**Xilinx**

The Programmable Logic Data Book (1996)

Volume 5 - 8.000 references – 38.700 pages of information

**Siemens**

A/D & D/A Converters (03/97)  
Communications controllers (03/97)  
Linear Consumer Electronics (03/97)  
Linear/Interface Circuits (03/97)  
Memories (03/97)  
Microcontrollers (03/97)  
Optoelectronics (03/97)  
Phase Locked Loop (PLL) (03/97)  
Radio & Audio Systems (03/97)  
Telephone Circuits (03/97)  
Transistors, Power MOS (03/97)  
Video/Television (03/97)

**Zilog (03/97)**

8-bit Microcontrollers  
Communication Controllers  
Computer Peripheral Products  
Digital Signal Processors

**SGS-Thomson (02/97)**

Analog and mixed Analog/Digital  
Automotive  
Computer Products  
Consumer Products  
Digital Circuits  
Diodes  
Industrial  
Logic Circuits  
Memories and SmartCard® Products  
Modules and Boards  
Processors and Peripherals  
Protection Circuits  
Silicon Controlled Rectifiers & Triacs  
Silicon Power Transistors & Hybrid Power Modules  
Standard Linear Ics  
Telecom and Data Communications  
Transistors  
Video Products 2nd Edition (1994)

Volume 6 – 8.200 references – 21.200 pages of information

**Harris Semiconductor (04-05/97)**

Video and Multimedia  
Wireless and Wired Communications  
Analog/Digital Signal Processing  
Data Acquisition  
Discrete Power Semiconductors (MCTs/IGBTs/Diodes)  
Intelligent Power ICs  
Power MOSFETs  
Transient Voltage Suppressors  
CMOS Logic (LPT-FCT Expansion)  
Microprocessors/Microcontrollers/Peripherals  
Radiation Hardened Ics, Rad Hard IC SMDs

**Sony (05/97)**

CCD Area Sensor, CCD Linear Sensor  
Computer Audio/Video  
Infrared Receiver Ics, Laser Diode

**Sony (continued)**

LCD and Peripherals  
Memory (SRAM, Cache Modules)  
Serial/Optical Communication  
TV and Audio  
Wireless Communications  
**Toshiba (06-07/97)**  
Multimedia IC's  
Networking IC's  
CMOS, BiCMOS Logic, LMOS Logic, TC74HC/HCT Logic  
4, 8 & 16 bit Microcontrollers  
Microperipherals  
Bipolar IC's, Discrete Circuits, Optoelectronics  
RF Devices  
DRAM, NV SRAM, SRAM  
Memory Cards, Modules Video and Multimedia

Volume 7 – 5.800 references – 39.100 pages of information

**Alliance (06/97)**

DRAM, SRAM, Flash Memories

**Chips and Technologies (06/97)**

Graphics Accelerators, Panel Link, HiQVideo Series, Embedded Products

**Dallas Semiconductor (06/97)**

Automatic Information  
Bus Termination Products  
CPU Supervisors  
Digital Potentiometers  
Drivers  
Memory Products (NV SRAM, SRAM,...)  
Microcontrollers (8051 core)  
Silicon Timed Circuits  
Telecom Circuits  
Thermal and Battery Management  
Timekeeping

**Motorola**

DL111 Rev.7 Bipolar Device Data (1995)  
DL122 Rev.6 MECL Data (1996)  
DL136 Rev.4 Communications Device Data (1995)  
DL138 Rev.3 FACT Data (1996)  
DL140 Rev.4 ECLin PS Device Data (1996)  
DL156 Rev.3 FAST Static RAM (1995)  
DL159 Rev.3 LonWorks Device Data (1997)  
DL202 Rev.0 IGBT Device Data (1996)  
M68HCxxx Family Devices (06/97)

**Mitel Semiconductor (07/97)**

Analog/Digital Telecom Components  
Digital Switching and Networking Components  
Applications Databook

**Toshiba (06/97)**

C<sup>2</sup>MOS Logic, High-Speed CMOS Logic, TC74HC/HCT Series  
4, 8 and 16 Bit Microcontrollers

Volume 8 - 15.900 references - 33.800 pages  
d'information

**AKM (07-97)**

Communication, Multimedia, EEPROM

**Allegro (07-97)**

Automotive Ics

Bridge & Half-Bridge Drivers

Discontinued Products

Interface, Power & Motors Drivers Ics

Mass Storage & Printer

Safety and Security Ics

Sensors, Power Ics, Regulators

**American Microsystems Inc.(06-97)**

ROM, Mask Programmable System

Wireless, Telecom

**Gec-Plessey (11/97)**

32-Bit Microcontrollers

Automotive, Space

CMOS ASICs, Obsoletes

Communications, Media

Mass Storage, Networking

Power, Power Control

**Mosel Vitelec (11/97)**

DRAM, DRAM Modules, SRAM, FIFO

Volume 9 - 23.800 references - 42.900 pages  
d'information

**Apex Microtechnology (01/98)**

Power Operational Amplifiers

DC/DC Converters

**Crosslink Semiconductor (01/98)**

CMOS SRAM and High-Speed SRAM

**Crydom (01/98)**

Solid-State Relays

Power Modules, I/O Modules

Liquid Level Sensors

**Data Delay Devices (01/98)**

Active, Passive and Programmable Delay Lines

Pulse Generators and Oscillators

**Dense-Pac Microsystems (01/98)**

SRAM, DRAM/SDRAM, FLASH, EEPROM and COMBO  
Memories

**DSP Group (01/98)**

Computer Telephony, TrueSpeech Products

SmartCores

Telephone Answering Devices

Volume 10 - 9.000 references - 50.000 pages of  
information

**Ericsson**

Speech Circuits

Stepper Motor Drive Circuits

**Fairchild**

Discretes

Logic

**IBM**

Memories

PowerPc Microprocesors

6x86 Microprocessors

486DX2/DX4 Microprocessors

**National Semiconductor - Comlinear**

Diodes, FET Transistors

ALS, LS, HCT Logic

RAM, PROM, EPROM, EEPROM

Interface & Drivers Circuits

Tansceivers/Receivers

UARTs, Controllers

Operational Amplifiers

**National Semiconductor (07-97)**

Data Acquisition

Microcontrollers, Microprocessors

Military/Aerospace

Operational Amplifiers/Buffers (Comlinear)

**Sharp (07-97)**

CCD Periherals & Sensors,Optoelectronics

Flash, FIFO, SRAM,Mask ROMs Memories

**Signal Processing Technologies(12-97)**

A/D-D/A Converters, Comparators

Track-and-Hold, Video Chipset

**Silicon Systems (11-97)**

Mass & Removable Storage Products

S-MOS Systems Inc. (11-97)

Graphics & Card Products

SRAM, Microcontrollers

**TranSwitch (12-97)**

Telecom & Data Communications

**Xicor (06-97)**

E<sup>2</sup>PROM, Flash, NOVRAM, SmartCard

Nonvolatile Digital Potentiometer

Supervisory & Microperipheral ICs

**Exar (01/98)**

Communications, Data Communications

General Purpose Data Acquisition

Video & Imaging

Pressure Sensors

**Hitachi (01/98)**

16-Bit H8 Family Microcontrollers

32-Bit RISC Microcomputer

SH7600 Series RISC Microprocessors

DRAM, SRAM, Modules, PROM, EPROM, Flash Memories

**National Semiconductor (01/98)**

Diodes, FET Transistors

ALS, LS, HCT Logic

RAM, PROM, EPROM, EEPROM

Interface & Drivers Circuits

Tansceivers/Receivers

UARTs, Controllers

Operational Amplifiers

**NEC**

FET, MESFET, OCMOS FET

Transistors, Darlington Transistors

Amplifiers, Converters

Memories

PLL's

4-Bit & 8-Bit Microcontrollers

**Rockwell - Brooktree**

Video, Voice, Music Circuits

Modem/Fax/Data Devices

Volume 11 - 29.000 references - 41.000 pages of information

**Kingston**

Memories

**Microchip**

EPROM,

EEPROM,

Security Ics

Controllers

8-Bit microcontrollers

Transponders

**Mitsubishi**

RAMs,Flash Memories

RF Power Modules

Transistors, FETS

Amplifiers

32-16-8 bit microcomputer

Drivers IC

Linear

Video/Audio

Sound Processors

Interface Ics

Laser diodes

Digital Ics

**Rohm**

Amplifiers

LED Meters

Linear Ics

Transistors, MOSFETS

Audio/Video Ics

Regulators

Optical Discs Ics

Motor Drivers

Magnetic Discs Ics

Multimedia

Communications

**SGS-Thomson**

Audio/Video

Serial EEPROM

EPROM

Flash Memories

Logic

Transistors, MOSFET

Diodes

16-bit microcontrollers

Volume 12 - 18.000 references - 41.000 pages of information

**Acapella**

Modem Ics

**Analog Devices**

A/D, D.A Converters

Amplifiers,

Digital Circuits,

**Calogic Corp.**

JFET,

MOSFET,

Buffers,

Amplifiers,

Video,

Buffers

**General Semiconductor**

Diodes,

Rectifiers,

Transistors

**Mini-Circuits**

RF, VCOs,

Mixers

**Nec**

FET,

MESFET,

Transistors,

Amplifiers,

Converters,

Memories

**Nippon Precision Circuits (NPC)**

Analog Clocks,

Audio, Music,

Telecom

**Panasonic**

Discretes,

Hi-Fi, Video,

Audio,

Memories, Drivers

**Philips**

Video & Audio Amplifiers

**Seiko**

Memories,

Regulators

Volume 13 - 12.000 references - 45.500 pages of information

**Fujitsu**

32-Bit RISC Microcontrollers

8-16 Bit Microcontrollers

Linear Circuits

Memories

Resonators

**Infineon Technologies, Siemens, Osram**

8-16 Bit Microcontrollers

Amplifiers

Diodes, Transistors, IGBTs

Memories

Mobile Communication Ics

Optocouplers, Relays, LEDs

Power MOS, MOSFETS

Telecom Circuits

Television Circuits

Voltage Regulators

**New Japan Radio Co. Ltd (NJR)**

Amplifiers

LCD Drivers

Microcontrollers

Video Circuits

Voltage Regulators

**Vishay Liteon**

Diodes, MOSFETS

Rectifiers

Transistors

Volume 14 – 9.400 references – 55.000 pages of information

**AITech International**

Transceivers, Video Circuits

**Averlogic**

Memories, Video Circuits

**CML Semiconductor**

Audio & Video Circuits

**Daewoo**

Audio, Video, Linear Circuits

**Fujitsu**

8/16/32-Bit Microcontrollers

Linear Circuits, Memories, Video

**Genesis Microchip**

Graphics Circuits, Video Circuits

**Mitsubishi**

Audio Circuits, Diodes, DSP

Memories, Transistors, Voltage Converters

Microprocessors, Microcontrollers

**NEC**

Audio Circuits, DSP

Voltage Controllers, Microcontrollers

**Power Trends**

Regulators

**Sumitomo Metal Industries**

Video Circuits

**Texas Instruments**

DSP, Linear, Logic

**Vishay Telefunken**

Diodes, Rectifiers

Volume 15 – 17.500 references – 41.000 pages of information

**Alpha Semiconductor**

Voltage Regulators

**Fujitsu**

8/16/32-Bit Microcontrollers

Linear Circuits, Memories, Video

**Mitsubishi**

Audio Circuits, Diodes, DSP

Memories, Transistors, Voltage Converters

Microprocessors, Microcontrollers

**Motorola**

Diodes, Mosfets, Rectifiers

Linear Circuits, Logic Circuits

**Texas Instruments**

DSP, Linear, Logic

**Unitrode**

Linear, Regulators, Power management

Volume 16 – 4.300 references – 24.500 pages of information

**Mitsubishi**

Optoelectronics

**Motorola**

Microcontrollers, RF Devices

**National Semiconductor**

Drivers/Receivers, Frequency Synthesizers,

Microprocessors, Microcontrollers, Video,

Speech Processors

**Toshiba**

Video, Audio, Amplifiers, Motor drivers,

Diodes, Rectifiers, Transistors

Volume 17 – 7.600 references – 29.500 pages of information

**Advanced Power Technology**

Diodes, IGBT, Mosfets

**Sanyo**

Transistors, Dmosfets, Rectifiers,

Diodes, Thyristors, Audio/Video

**Samsung**

Microcontrollers

**Semitron**

Transient Voltage Suppressors, Diodes, Gas Discharge Tubes

**Sumitomo**

Image Processing Products

**Telcom**

Thermal Management, Power Management, Linear/Mixed

Signal

**Teltone**

Telecom Ics

**Thaler**

Precision Voltage References, Voltage regulators, Op-

Amplifiers, Precision A/D Converters, Mosfet drivers,

Drivers, Thermal sensors

**That**

Sensors, Bus Peripheral Ics, Radio Frequency and

Communication Ics, Inductive Tags

**Thomson-CSF**

Microprocessors, Memories, CCD Circuits, Converters

**Torex**

Voltage Detectors/Regulators, Converters, Charge

Pump Inverter Ics, Battery Protector Ics, MOSFETs,

Logic, Diodes, Power supplies

**Toshiba**

Video, Audio, Amplifiers, Motor drivers, LCD Drivers,

Microcontrollers, Memories, RISC Processors, Diodes,

Rectifiers, Transistors, Mosfets

**Zetex**

Diodes, Transistors, Voltage References

Volume 18 – 4.400 references – 24.700 pages of information

**Philips**

Rectifiers, Diodes, Transistors, Power Mosfets, Amplifiers, CATV, UHF & Optical Modules, HF,UHF,VHF,Microwave Transistors

**Sanyo**

Video, Audio, Power Amplifiers, Voltage regulators, Motor controllers, Battery charge Ics, Op-Amplifiers, 4-bit & 8-bit Microcomputers, DTMF Circuits, LCD/LED Drivers

**Toshiba**

Motor driver, Image sensors, Audio/Video circuits, LCD Drivers, Memories, Rectifiers, Power Switches,Photo transistors, AC relays, Transistors, Diodes, Thyristors, Mosfets, Image sensors, Optoelectronics, Op-Amplifiers

Volume 19 – 3.400 references – 31.200 pages of information

**Sanyo**

Video, Audio, Power Amplifiers, Voltage regulators, Motor controllers, Battery charge Ics, Op-Amplifiers, 4-bit & 8-bit Microcomputers, DTMF Circuits, LCD/LED Drivers

**Toshiba**

Motor driver, Image sensors, Audio/Video circuits, LCD Drivers, Memories, Rectifiers, Power Switches,Photo transistors, AC relays, Transistors, Diodes, Thyristors, Mosfets, Image sensors, Optoelectronics, Op-Amplifiers

Volume 20 – 25.500 references – 39.800 pages of information

**Intel**

Microprocessors, Microcontrollers, Memories, Controllers, Transceivers

**Melexis/Thesys**

Automotive sensors, Receivers, CMOS Latches, Interface circuits, Transceivers, Transmitters, Sensors

**Microchip**

Microcontrollers, Memories, Microcontroller Supervisory Circuits, Analog Circuits, AD/DA Converters, Op Amplifiers, Comparators, Voltage References, Drivers, Coders/Encoders, Transponders

**Shindengen**

Transistors, DC-DC Converters, Rectifiers, Thyristors, Regulators, Current Controllers, Interface Drivers, Motor Drivers, Varistors.

**Philips**

Transistors, Microcontrollers, Logic, Power Modules, MOSFETs, Triacs, Diodes, Audio ICs, Image Sensors, Sensors, Analog Circuits, Microcontrollers, LCD Driver, PC Motherboard Ics, TV/Video Circuits, GPS Processors, Supervisory Circuits

**Power Integrations**

PWM Switches, Off-Line Switchers, Voltage Control Circuits

**Ricoh**

Real-Time clocks, PC Card controllers, Regulators, DC/DC Converters, Battery management Ics.

Volume 21 – 8.200 references – 34.000 pages of information

**Chino-Excel Technologies**

Transistors, FETs.

**Intersil**

AD/DA Converters, Static RAMs, PWM, Video Circuits, Microprocessors, Operational Amplifiers, Receivers, Drivers, Radiation Hardened Logic, Logic, Memories, Voltage converters/regulators, Filters, Motor Drivers, MOSFET Arrays, Modulators/Demodulators, Downconverters, Controllers, Transistor Arrays.

**Micro Electronics**

Transistors, JFETs, LEDs, Melody Generator, SCRs

**Sanken**

Transistors, Mosfet, Diodes, Switching Regulators, Transistor Arrays, Error Amplifiers Ics, Regulators, Mosfet Arrays, Varistors, Triacs