



MICROCHIP

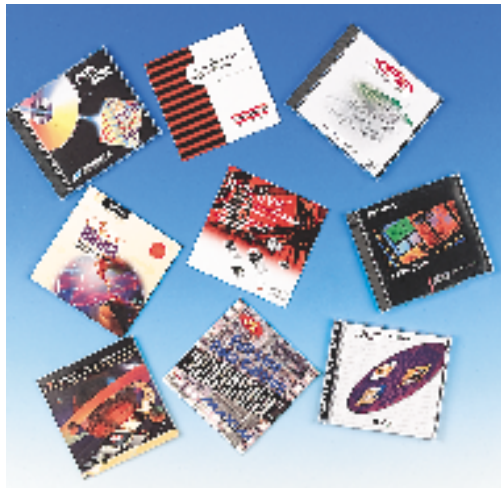


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Manufacturers' CDROMs

It is our intention to supply the latest edition wherever possible for both CDROM's and Data Books. The issue dates quoted are those expected at the time of going to print.



dat1

Farnell Semiconductor Data CDROM

FARNELL



The Year 2000 Farnell Semiconductor Data CDROM contains technical information covering a selection of Semiconductor and Optoelectronic components. Featuring in excess of 18,000 devices from over 80 leading manufacturers, such as ST Microelectronics, Microchip, NSC, Agilent, Philips Semiconductors, IR, Fairchild and Analog Devices.

The CDROM highlights the manufacturers list number alongside the Farnell order code for ease of ordering. Also included are volumes 2 to 9 of the popular Semiconductor Applications Directory. With a circulation of over half a million copies throughout Europe during the last 4 years, this two disk CDROM is a real must for all Semiconductor users.

211

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Data Library CDROM

This CDROM will help you chose and design with Hewlett Packard electronic components, it contains detailed product specifications. The Alphanumeric index lists every component on this CD and links you to the corresponding data sheet. Selection guides in each product section allow you to quickly select products most suitable for your application and links you to the corresponding data sheets. Products included are:

- GaAs & Si RF and Microwave Semiconductors
- Microwave and Millimeter-wave Hybrid Assemblies
- LED Lamps and Indicators
- LED Displays, Light Bars and Bar Graphs
- Infrared Products
- Motion Sensing & Control Products
- Optoisolators
- Fibre Optic Products
- Bar Code Products
- High Speed Communication IC Products/Modules

dat208

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AppCAD is an easy-to-use program that provides you with a suite of RF design tools and computerized Application Notes to make your design job faster and easier. AppCADs unique, interactive approach makes engineering calculations quick and easy for many RF, microwave and wireless applications using products from discrete transistors and diodes to Silicon and GaAs integrated circuits. It also includes maths worksheets and datasheets, application notes, device data and models.

dat209

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dat173

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dat137

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dat20

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dat152

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150

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Analogue and mixed signal logic and memory CDROM containing part number index product listing by category, and application notes. Product areas include A/D & D/A converters, correlators, digital video encoders, memory and storage power management, demo boards, imaging and video filters.



dat192

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Data Library CDROM

Datasheets on the products currently covered in the Microcontroller and Memory data books. Included are the H8 family and software development tools, DRAMs, SRAMs, EEPROMs, EPROMs, Flash OTPROM and Memory Modules.



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213

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dat151

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dat185

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Data Library CDROM

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dat205

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The SGS-THOMSON "Data on Disc" system offers designers fast and flexible access to up-to-date information on a product portfolio that includes device types, ranging from diodes, transistors and FETs, memories, microcontrollers and complex dedicated logic ICs.

Included on the system is a complete set of datasheets, a shortform, application notes and information on the Company.

dat104

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ST62 MCU Family on CDROM

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dat170

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217

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218

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dat3

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Optocoupler Designers Guide



Agilent Technologies
Innovating the HP Way

This guide contains 50 popular application circuits and recommended HP optocouplers. The handbook begins with a selection guide followed by sections discussing critical Optocoupler design parameters such as Insulation and Withstand Voltage, Regulatory Agency Safety Standards, Common-Mode Transient Rejection, Product Life and light emitting diode (LED) aging. The rest of the guide consists of application circuits.

dat210

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Optoelectronics Designer's Catalogue



Agilent Technologies
Innovating the HP Way

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dat39

Regulatory Guide to Isolation Circuits



Agilent Technologies
Innovating the HP Way

A comprehensive guide covering the Hewlett Packard and Global regulatory standards. Includes compliance tables and summary of Key Regulatory Standards and Specifications on Hewlett Packard Optoisolators.

Issue 1997

dat158

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CMOS FIFO Memory Products

AMD

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Issue 1992

dat9

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FLASH Memory Products

AMD

Data sheets and general information on 5V sector erase FLASH, 12V bulk erase FLASH and FLASH PC cards.

Issue 1996

dat8

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System Applications Guide



Consisting of over 1300 pages, this comprehensive book covers a wide range of Linear and Linear/Digital-Applications and in addition an extensive range of Audio Applications. An easy to use alphabetical index is also included to locate the desired application note. Included are:-

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- Programmable Gain Amplifiers
- High Accuracy Sample and Hold Circuitry
- A/D Conversion
- Voltage References for High Accuracy Systems
- Motor Control Circuits
- Signal Computing in Telecommunications
- Video Signal Transmission and Processing
- Sensor Output Signal Conditioning
- Sigma-Delta ADC's and DAC's

Issue 1993

dat12

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8051 Microcontroller Data Book

ATMEL

Contains an architectural overview of the Atmel 8051 Flash Microcontroller Family, including details of the 8051 instruction set and all on-chip peripherals.



220

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ATMEL

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219

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dat100

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IC applications and design guide covering data converters and acquisition, isolation amplifiers, operational and power operational amplifiers; multiplexers, voltage references, special functions and V/F converters.

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dat25

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dat195

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dat145

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214

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dat51

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Power MOSFET Application Notes

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Issue 1993



dat52

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Comprehensive datasheets covering IR's range of surface mount power semiconductors, including HEXFET Power MOSFET's, schottky and rectifier diodes.

Issue 1995



dat54

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Linear Data Book — Vol. 1

Op amps, voltage regulators/references, comparators, filters, instrumentation amps, data conversion, RS232 interface and special function ICs.

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dat59

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Issue 1992



dat60

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dat61

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Issue 1990



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Linear Applications Handbook – Vol. 2

Further comprehensive application and design notes covering Linear Technologys extensive range of linear ICs. Index covers both 1990 and 1993 editions.

Issue 1993



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dat64

1995 New Releases Data Book

Comprehensive data on the Maxim range of analogue products.

Issue 1995



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1996 New Releases Data Book

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Issue 1997



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dat14

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Issue 1998



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Issue 1995/96



Order Code 656-057†. **Price Each**

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dat15

The Greatest Little PIC Book

The Greatest Little PIC Book covers the new 8 pin PIC12C50x family from Arizona Microchip. This device is ideal for those applications requiring a few I/O lines. The book has been written to guide the potential user through the architecture, software modes and benefits derived from using the PIC12C50x. The book also covers development tools and is supplied with MPLAB (editor, assembler and simulator) to enable development under windows. The book is rounded off with a number of worked examples including timers, sound generators, water descaler, data logger and light/motor control.



/G. MACNEE

Order Code 790-618. **Price Each**
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dat143

A Beginners Guide To The PIC – Revised Edition



N. GARDNER

The aim of this book is to give those who have never worked with the PIC a good understanding of its use. For those who have not programmed before guidance is given on how to get started and how to debug. Topics covered include an introduction to the PIC, software, hardware, problems/bugs etc and projects. The book comes complete with a 3½" disk providing assembler, simulator and source code examples.

dat18

Order Code 489-359 . **Price Each**
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PIC Cookbook – Vol. 1



N. GARDNER

Following on from 'A Beginners Guide to the PIC' Nigel Gardner and Peter Birnie have compiled PIC Cookbook - Volume 1. A collection of 40 working applications including:-

- Boat/Caravan intruder alarm
- Magnetic swipe card reader
- PIR security centre
- Traffic light sequencer
- Radio control system
- Mains frequency indicator
- Car left/right hazard timer
- Radar speed sensor interface

..and many more.

Includes a diskette with source code for all the applications.

Issue 1995

dat19

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PIC Cookbook – Vol.2



N. GARDNER

Following the success of PIC Cookbook-Volume 1 (Order Code 654-991) Nigel Gardner and Peter Birnie have compiled Volume 2 which continues the trend of giving the reader a description of the applications, circuits and flowcharts. Topics covered include:-

- Square and pulse generator
- 1200 baud modems
- Keyboard scanner for 80 keys
- Marine electronics NMEA level/data converter/display
- Greenhouse watering system
- Electronic Lock using PIC16C84
- Interface to Maxim 12-bit A/D and D/A devices
- Battery voltage checking without and A/D
- Interfacing to DTMF encoders and decoders
- Assembler functions - improve your programming efficiency
- and many more.

Includes a diskette with source code for all the applications.

Issue1996

dat144

Order Code 790-606. **Price Each**
1+ 5+

A Practical Introduction to Electronics (from bits to chips)



Written by Nigel Gardner and Max Horsey, the book is a guide towards understandings general principals of electronics for those interested or studying physics, science and technology courses at GCSE and 'A' levels. The reader is introduced to the basic principals and guided through subject areas covering semiconductor devices, operational amplifiers, digital electronics, control loop principals, timing circuits, microcontroller, safety and circuit construction techniques. The text includes worked examples and questions for self assesment.

The book supports the Farnell Electronic Lab (Order Code 704-325) covering theory, construction and use of the various modules to aid understanding practically.

dat322

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Analogue and Interface Products

Includes abbreviated datasheets for more than 900 Analogue and Interface products, application notes, selection guides. Also includes CDROM.



Issue 1999

216

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Data sheets, pinouts and application notes.

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dat81

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Issue 1996



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dat83

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dat78

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dat77

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Includes information on emitting diodes, photosensors, isolators, photosensor chips, fibre optic components, hall effect sensors, switches and surface mount semiconductors.

Issue 1998.

dat189

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Product selection guide covering the integrated circuits and discrete semiconductors.

Issue 1996

dat186

Order Code 459-434. Price Each**Discrete Semiconductor Packages (SC18)****Philips Semiconductors**

Contains dimensional outline drawings and soldering information, to thermal design considerations, packing data and chemical content tables.

Issue 1999

215

Order Code 329-8619. Price Each 1+**Fast TTL Logic Series (IC15)****Philips Semiconductors**

Datasheets, application notes and packaging information

Issue 1999

dat203

Order Code 310-6421. Price Each**Semiconductors for Wired Telecom Systems Data and Applications Handbook IC03A/B**

Data sheets and applications handbooks covering handfree ICs, speech, transmission, microcontrollers, LCD drivers, small signal transistors, D-MOS FET switches, regular and protection diodes.

Issue 1998

dat193

Order Code 183-430. Price Each**80C51 8-Bit Microcontrollers & Applications Set (IC20)****Philips Semiconductors**

A comprehensive set of data books containing data sheets and applications notes on the 80C51 based devices, as well as detailed information on the range of support tools available. (Also includes the IC20 CDROM).

dat178

Order Code 993-700. Price Each**CMOS ICs for Clocks, Watches and Real Time Clocks****Philips Semiconductors**

Contains data sheets and packaging information on watches, car clocks and real time clocks.

Issue 1998

dat191

Order Code 183-246. Price Each**Power Bipolar Transistors****Philips Semiconductors**

Areas covered include general and packaging outlines, selection guide and device data. CDROM contains SC06 data sheets and application information

Issue 1999

dat200

Order Code 306-0627. Price Each**Power Diodes (SC11)****Philips Semiconductors**

Includes Medium Power, High current and Hyperfast 600V Diodes also Surface Mount Products. CDROM included which contains the SC11 datasheets and application information

Issue 1999

dat201

Order Code 303-1159. Price Each**PowerMos Transistors (SC13)****Philips Semiconductors**

Areas covered include general and packaging outlines, selection guide, marking codes, device data and mounting and soldering. CDROM contains SC13 data sheets, application information and spice parameters

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