

HP-41/HP-IL HP JOURNAL INDEX

Hewlett Packard Journal
HP-41C/HP-IL related articles
March 1980 to May 1983

Powerful Personal Calculator System sets new standards.
Bernard E. Musch, John J. Wong and David R. Conklin.
"Customise this advanced new calculator by plugging in
extra memory, a magnetic card reader, a printer and
applications modules. You can reconfigure the keyboard,
too."
March 1980 , page 3 , 9 pages , HP-41C.

Packaging the HP-41C.
Gerald W. Steiger.
March 1980 , page 7, 1 page , HP-41C.

Card Reader offers Compatability and Expanded
Capability.
David J. Lowe and Patrick W. Boyd.
March 1980 , page 12 , 4 pages , HP-82104A card reader.

Evolutionary printer provides significantly better
performance.
Rodger D. Quick and Donald L. Morris.
March 1980 , page 15 , 6 pages , HP-82143A printer.

Reading Barcodes for the HP-41C Programmable
calculator.
David R. Conklin and Thomas L. Revere III.
Jan 1981 , page 11 , 4 pages , HP-82153A wand.

Controlling a graphics plotter with a handheld
programmable calculator.
Robert M. Miller and Randy A. Coverstone.
Dec 1982 , page 16 , 3 pages , HP-82184A plotter module
HP-7470A graphics plotter.

HP-IL: A low cost digital interface for portable
applications.
Rodger D. Quick and Steve L. Harper.
"The Hewlett Packard interface loop is a bit serial
interface bringing many capabilities formerly reserved
for much larger computer systems to the growing
repertoire of portable computers and handheld
calculators."
Jan 1983 , page 3 , 7 pages , HP-IL.

How fast is HP-IL?
Steve L. Harper.
Jan 1983 , page 7 , 1 page , HP-IL.

HP-IL interconnect system.
James H. Fleming.
Jan 1983 , page 8 , 1 page , HP-IL.

The electronics interface for the Hewlett Packard interface loop.

Carl J. Landness.

"This low cost, low power serial interface uses two wire cables, a three level code, a Cmos IC and small pulse transformers."

Jan 1983 , page 11 , 6 pages , HP-82160A HP-IL module.

A Cmos integrated circuit for the HP-IL interface.

Steve L. Harper.

Jan 1983 , page 16 , 7 pages , HP-IL.

A portable low cost high performance digital multimeter for the HP-IL.

Jack P. Trautman and Lawrence A. Donjardin.

"HP's first HP-IL instrument is the result of a new design and manufacturing approaches. This DMM electronically calibrates itself, measures AC and DC voltages and currents, makes two wire and four wire measurements and uses a liquid crystal display to output data, measurement units and alphanumeric messages."

Feb 1983 , page 3 , 7 pages , HP-3468A digital multimeter.

Low cost and portability come to Data Acquisition/Control products.

James J. Ressemer.

"Inexpensive, portable data logging with the flexibility of a data acquisition/control system is now within the budget of nearly everyone making transducer measurements."

Feb 1983 , page 10 , 6 pages , HP-3421A data acquisition/control unit.

Low cost instrument control: A new Rom for the HP-41C handheld computers.

David L. Wolpert.

Feb 1983 , page 16 , 4 pages , HP-44458A Data acquisition/control package.

Compact digital cassette drive for low cost mass storage.

William A. Buskirk, Charles W. Gibson and David J. Shelley.

"This portable battery operated unit uses minicassettes to store programs and data inexpensively for HP-IL systems."

May 1983 , page 17 , 8 pages , HP-82168A digital cassette drive.

Stephen Colgan (7219)
70 Theodore street
St. Albans 3021
Victoria Australia

MODEL	MONTH	YEAR	TITLE	AUTHOR	PAGES
HP-9100A	Sept	1968	"A New Electronic Calculator with Computerlike Capabilities"	Richard E. Monnier	p. 3-9
HP-9100A	Sept	1968	"Hardware Design of the Model 9100A Calculator"	Thomas E. Osborne	p. 10-13
HP-9100A	Sept	1968	"Internal Programming of the 9100A Calculator"	David S. Cochran	p. 14-16
HP-9100A	Sept	1968	"How the 9100A Was Developed"	Bernard M. Oliver	p. 20
HP-35	June	1972	"The Powerful Pocketful: An Electronic Calculator Challenges the Slide Rule"	Thomas M. Whitney, France Rodé & Chung C. Tung	p. 2-9
HP-35	June	1972	"Algorithms and Accuracy in the HP-35"	David S. Cochran	p. 10-11
HP-35	June	1972	"Packaging the Pocket Calculator"	Edward T. Liljenwall	p. 12-13
HP-80	May	1973	"A Pocket-sized Answer Machine for Business Finance"	William L. Crowley & France Rodé	p. 2-9
HP-65	May	1974	"The 'Personal Computer': A Fully Programmable Calculator"	Chung T. Tung	p. 2-7
HP-65	May	1974	"Programming the Personal Computer"	Kent Stockwell	p. 8-14
HP-65	May	1974	"Designing a Tiny Magnetic Card Reader"	Robert B. Taggart	p. 15-17
HP-65	May	1974	"Testing the HP-65 Logic Board"	Kenneth W. Peterson	p. 18-20
HP-21/ 22/25	Nov.	1975	"Three New Pocket Calculators: Smaller, Less Costly, More Powerful"	Randall B. Nett & Lynn Tillman	p. 2-7
HP-22	Nov	1975	"Inside the New Pocket Calculators"	Michael J. Cook George M. Fichter, & Richard E. Whicker	p. 8-12
HP-21	Nov	1975	"Packaging the New Pocket Calculators"	Thomas A. Hender	p. 10
HP-67/97	Nov	1976	"A Pair of Program-Compatible Personal Programmable Calculators"	Peter D. Dickinson & William E. Egbert	p. 2-8
HP-91/97	Nov	1976	"Portable Scientific Calculator Has Built-In Printer"	Bernard E. Musch & Robert B. Taggart	p. 9-16
All	Nov	1976	"The New Accuracy: Making $2^3 = 8$ "	Dennis W. Harms	p. 16-17
All	May	1977	"Personal Calculator Algorithms I: Square Roots"	William E. Egbert	p. 22-24
All	June	1977	"Personal Calculator Algorithms II: Trigonometric Functions"	William E. Egbert	p. 17-20
HP-92	Oct.	1977	"Printing Financial Calculator Sets New Standards For Accuracy and Capability"	Roy E. Martin	p. 22-28
All	Nov	1977	"Personal Calculator Algorithms III: Inverse Trigonometric Functions"	William E. Egbert	p. 22-23
HP-01	Dec	1977	"Wrist Instrument Opens New Dimension in Personal Information"	André F. Marion, Edward A. Heinsen, Robert Chin, and Bennie E. Helms	p. 2-10
All	April	1978	"Personal Calculator Algorithms IV: Logarithmic Functions"	William E. Egbert	p. 29