

**PERIODICAL**

**GUIDE**

**FOR**

**COMPUTERISTS**

*An Index of Magazine Articles  
for Computer Hobbyists*

**1975 - 1976**

*Revised*

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ABBREVIATION

MAGAZINE

MONTH ABBREVIATIONS

A Number following the Month designates the day of issue.

Byte	Byte
Comp. Notes	Computer Notes
Cr. Comput.	Creative Computing
Dig. Design	Digital Design
Dr. Dobbs	Dr. Dobbs Journal of Computer Calisthenics & Orthodontia
EDN	EDN
Elec. Des.	Electronic Design
Electronics	Electronics
Ham Radio	Ham Radio
IEEE Computer	IEEE Computer
Interface Age	Interface Age
Microtrek	Microtrek
Mini Micro	Mini Micro Systems
Modern Data	Modern Data
PCC	Peoples Computer
Pop. Elec.	Popular Electronics
QST	QST
Radio Elec.	Radio Electronics
SCCS Interface	SCCS Interface
73	73 Amateur Radio

Ja	January
F	February
Mr	March
Ap	April
My	May
Je	June
Jy	July
Ag	August
S	September
O	October
N	November
D	December
Hol	Holiday

ENTRY EXPLANATION

TYPES OF LISTINGS

MAGAZINE F 29 76 p123 a TITLE  
 Book I p234 by AUTHOR  
 \*

*Month*  
*Date of Issue*  
*Year*  
*Page*  
*Type of Listing*  
*Volume*  
*Page*

a	Article
b	Book Review
e	Editorial
l	Letter from reader
m	Misc. (Small Insert, Note, etc.)

\* A "Book" reference following an entry designates that the article has been reprinted in book form and is available from the respective publisher as listed below.

Magazine	Book
Byte	Best of Byte Vol I
Creative Computing	Best of Creative Computing Vol I & II
Dr. Dobbs	Dr. Dobbs Vol I

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GUIDE FOR 1975 - 1976

AMATEUR RADIO

Byte	N	75	p42	a	Computers And Amateur Radio by Michael Gipe
Byte	Jy	76	p92	1	More Power to You by W A Hickey
Byte	0	76	p12	a	The Computer...vs...Hand Sent Morse Code by Lt William A Hickey
Byte	0	76	p16	1	Morse Conversion Background Info (Bibliography) by E Douglas Jensen
Byte	0	76	p26	a	A Ham's Application Dreams by W J Hosking
Byte	0	76	p30	a	Add This 6800 MORSER to Your Amateur Radio Station by Robert Grappel and Jack Hemenway
Byte	0	76	p36	a	Efficient Storage of Morse Character Codes by Lawrence Krakauer
Byte	0	76	p42	a	If Only Sam Morse Could See Us Now by Wayne Sewell
Byte	D	76	p54	1	Correction for: If Sam Morse Could See Us Now (Oct'76 p46)
Byte	0	76	p52	a	A Morse Code Station Data Handler by Bruce Filgate
Byte	N	76	p90	1	correction for: A Morse Code Data Handler (Oct'76 p70)
73	0	75	p109	a	Say, OM, Are You a Computer? by Frank Kelly
73	N	75	p145	a	Computers are for Hams! by Jeffrey Mogul
73	Ja	76	p80	a	The Computer QSO Machine by B D Lichtenwalner
73	F	76	p76	a	RTTY Autocall--the Digital Way by L W Sanders
73	Mr	76	p86	a	Magic Fingers for RTTY by David Brown
73	Ap	76	p90	a	A Versatile TTY Generator by C Warren Andreason
73	My	76	p102	a	Build a CW Memory by D W Ishmael
73	Je	76	p106	a	A Morse to RTTY Converter -- using a microprocessor by Stanley Levy
73	Je	76	p114	a	ASCII/Baudot with a PROM--for ribbonless RTTY or computers by R David Guthrie
73	Je	76	p122	a	Aim Your Beam Right -- with a programmable calculator by Chester Brent
73	0	76	p14	1	Circling Pattern HP65 version for Aim Your Beam Right 73, June '76 by William Trayfors
73	Jy	76	p133	a	Your Computer Can Talk Morse--even a computer can learn the code! by James Whitfield
73	Ag	76	p82	a	The First Computer Controlled Ham Station by Don Alexander
73	Ag	76	p112	a	Satellite Orbit Predicting--using a pocket calculator by Loring White
73	Ag	76	p68	a	Global Calculations for the DXer--using a hand calculator by Frank Kelly
73	0	76	p118	a	The New Ham Programmer--making those confounded uPs work by F Barry McWilliams
73	N	76	p134	a	Ham Time Sharing is Here for You--via a repeater by Bruce J Brown
73	N	76	p146	a	OSCAR Orbits on Your Altair-- the software you've needed by Joe Kasser
73	D	76	p78	a	A Ham's Computer -- CW/RTTY the easy way by Louis Hutton
73	Ho1	76	p80	a	What Computers Can and Can't Do - A look a Amateur Possibilities by Gene Bartsch
73	Ho1	76	p82	a	A Ham Shack File Handler; BASIC Program for QSL's etc by George Haller
73	Ho1	76	p84	a	Print Your Own Log Book -- on your nearest computer by Robert S Hatch
Ham Radio	Mr	69	p60	a	Computers in Ham Radio by Louis Frenzel
Comp. Notes	N	76	p11	a	Ham On the Side
Comp. Notes	D	76	p9	a	HAM on the side by David LeJeune

ANALOG HARDWARE AND CIRCUITS

EDN	My5	76	p75	a	A/D Conversion System; Let uP work by Don Aldridge
Byte	My	76	p70	a	Microprocessor Based Analog/Digital Conversion Book p222 by Roger Frank
Byte	Je	76	p104	1	Correction for:uP based A/D May '76 p72
EDN	My5	74	p75	a	Op-Amp has 16 step digital gain control by N C Currie, J A Connelly and D S Barnett
EDN	Ag5	76	p38	a	Interfacing uP to Analog World by Paul Franson
EDN	S 20	76	p116	a	8 Bit Freq Control Suitable For uP Control by Albert Helfrick
Elec. Des.	S 1	75	p64	a	Focus on Analog Switches and Multiplexers
Elec. Design	My10	76	p106	m	CMOS Switches Control Amp Gain by Gordon Wong
Elec. Design	Jy19	76	p88	a	Get Simultaneous Analog Output by John Connors and Henry Bell
Elec. Design	N 22	76	p152	a	Low Cost Data Acquisition Systems by Steve Kelly
Interface Age	N	76	p12	a	Build a Simple A to D by Stephen Wozniak
PCC	N	75	p19	a	Analog to Digital Conversion by Robert Mullen
Pop. Elec.	Ap	75	p27	a	Build a Portable Analog/Digital Memory Translator by Joe Sulman and Jay Eisenberg
Pop. Elec.	F	76	p62	a	Electronic Switching with Transmission Gates by Robert Pascoe
73	0	75	p33	a	Op Amps: Basic Primer by Larry Kahaner

## APPLICATIONS, GENERAL

Byte	Ja	76	p42	a	Total Kitchen Information System
	Book		p360		by Ted Lau
Byte	Ja	76	p46	a	Golf Handicapping by Dr. George Haller
Byte	My	76	p4	e	Trends in Applications by Carl Helmers
Byte	Je	76	p8	a	A Small Business Accounting System
	Book		p364		by John A Lehman
EDN	Jy20	74	p51	a	Home Vacation Data Center by Robert Scott
EDN	Ap20	76	p44	a	Let uP Handle Digital Phone Conversations by Al Weissberger
EDN	O 20	76	p85	a	Take a Common Sense Approach To Applications (SC/MP) by Robert Cushman
Elec. Des.	D 20	75	p66	a	Let a uP Keep Track of Your Process by John Kaufman
Elec. Design	Mr1	76	p68	m	Convert Keyboard or Computer Data to Dial Phone by Pekka Ritamaki
Interface Age	Ag	76	p6	a	Applications Exchange (Schools, Biofeedback, Biorythms) by Larry Press
Interface Age	Ag	76	p60	b	Microcomputers & Microprocessors: Hardware, Software & Applications
					by John Hilburn and Paul Julich
Interface Age	S	76	p10	l	Note on Navigational Maps (June p49 SCSS Interface)
Interface Age	S	76	p24	a	Micro Business: Low Cost Systems What They can do for You by Mal Lockwood
Interface Age	O	76	p26	a	Basic Diet Planning by Martin Beattie
Cr. Comput.	My	75	p18	a	Follow up on Palindromes (Jan-Feb '75 Cr Comput) by Gregory Yob
Cr. Comput.	My	75	p29	a	Escape
	Book	I	p220		by J Harris
Cr. Comput.	My	75	p49	a	Computers and the Weather
	Book	I	p47		
Cr. Comput.	My	75	p54	a	The Automobile and Air Pollution
	Book	I	p223		by Herbert Peckham
Cr. Comput.	N	75	p58	a	Embezlers Guide to the Computer
	Book	I	p88		by Brandt Allen
Cr. Comput.	Mr	76	p83	b	BASIC, A Computer Programming Language with Business & Management Appl.
					by C Carl Pegels
Cr. Comput.	S	76	p28	a	Writers and Computers: An Interview with Carole Spearin McCauley
					by Cathy Silverstein
Cr. Comput.	S	76	p32	a	Producing Computer Poetry
	Book	II	p105		by Margaret Chisman
Cr. Comput.	S	76	p34	a	Haiku Generator
	Book	II	p226		by Paul Emmerich
Cr. Comput.	S	76	p36	a	Roses are red, Computers are blue
	Book	II	p223		by David Ahl
PCC	Jy	74	p2	a	Computers as Extensions of Human Thought into Aesthetics by Manfred Mohr
PCC	Jy	74	p8	a	How to Write Poems with a Computer: Haiku program with listing
					by John Monis
PCC	Jy	74	p14	a	A Tool for New Thinking by Harold Cohen
PCC	Jy	74	p18	a	Poetry: "Randomness" of computer generated combinations by Jim Runner
PCC	Jy	74	p19	a	Snobol 4: Short poetry generating program by Jim Runner
SCSS Interf.	F	76	p43	a	Application of Microprocessors (6800 report)
SCSS Interf.	Mr	76	p38	a	Applications Exchange by Larry Press
SCSS Interf.	Ap	76	p8	a	Applications Exchange (Several Books Reviewed) by Larry Press
SCSS Interf.	My	76	p30	a	Fireworks Ancient & Modern (patterns) by John Whitney
IEEE Computer	My	76	p11	a	Interactive Pattern Recognition: Techniques & Systems by Y T Chien
IEEE Computer	My	76	p28	a	Picture Recognition & Scene Analysis by Azriel Rosenfeld & Joan Weszka
IEEE Computer	My	76	p70	a	A Minicomputer Facility for Picture Processing & Pattern Recognition
					by Eric Persoon
IEEE Computer	Ag	76	p46	a	Graphics, Interactive Techniques & Image Processing 1970-75 Bibliography
					by Udo Pooch
Comp. Notes	N	76	p13	a	Data Recording with the Altair by O E Dial
Comp. Notes	D	76	p4	a	Monitoring Lumber Production with an Altair Computer by Tommy Staten

## ART

Cr. Comput.	N	75	p61	a	Turning on with Computer Art
	Book	I	p101		by Sema Marks
Cr. Comput.	Ja	76	p10	m	Ode to a School Computer
	Book	II	p140		by David Ahl
Cr. Comput.	N	76	p48	a	Computers and Beauty
	Book	II	p112		by Mutsuko SASAKI and Tateaki SASAKI
PCC	N	73	p9	a	A Computer Art for the Video Picture Wall by John Whitney
PCC	Jy	74	p2	a	Computers as Extensions of Human Thought into Aesthetics by Manfred Mohr
PCC	Jy	74	p9	a	Kawano: One man's opinion of what computer art should be
					by Hiroshi Kawano
PCC	Jy	74	p10	a	Computer art for the Video Picture Wall by John Whitney
PCC	Jy	74	p11	a	Art with 3-D Graphics by Vicky Meyer
PCC	Jy	74	p12	a	Sources of computer produced still pictures and films
					by Terry Campbell & David Fink

## ART continued

PCC	Jy	74 p13	a	Computer Produced Films: Instant playback for editing computer films by Ken Knowlton
PCC	Jy	74 p14	a	A Tool for New Thinking by Harold Cohen
PCC	Jy	74 p21	a	Who's Who: Guide to People and Sources in Computer Art
PCC	N	74 p10	a	Art Info Sources by Pam Scarvie
PCC	N	74 p11	a	Art Imagings: Ideas for possible implementation of art forms by Pam Scarvie
PCC	Ja	75 p5	a	Art Imagings: Concepts for technical art forms by Pam Scarvie
PCC	Mr	75 p22	a	The Plastic-Deformation of Design: An Application of the Computer in Art by Jay Leavitt & Ruth Leavitt
SCCS Interf.	My	76 p10	a	Applications Exchange: Computer Sculptoring
SCCS Interf.	My	76 p30	a	Fireworks Ancient & Modern (patterns) by John Whitney

## BAR CODES

Byte	N	76 p10	a	A Proposed Standard for Publishing Binary Data in Mach. Readable Form by Walter Banks, Roger Sanderson and Carl Helmers
Byte	D	76 p12	a	Samples of Machine Readable Printed Software by Walter Banks and Roger Sanderson
Byte	D	76 p18	a	Software for Reading Bar Codes by Keith Regli
Byte	D	76 p77	a	Signal Processing for Optical Bar Code Scanning by Frederick Merkwowitz
Dr. Dobbs	N	p6	e	Machine Readable Programs in Magazine Format (Byte)
	Book	p303		

## BIORYTHMS

Byte	Ap	76 p20	a	Biorythm for Computer by Joy and Richard Fox
	Book	p322		
Byte	Jy	76 p100	l	Patching the Biorythm Program ;Apr.'76 p22 by Don Libes
Byte	N	76 p90	l	Biorythm correction (July'76 p100) by Gary Sleater
Byte	D	76 p54	l	Correction for Biorythm (July'76 p100) by Joseph Pfeuffer
Interface Age	Ag	76 p48	a	Biorythms in Practice by William Donham
PCC	N	74 p6	a	Bio Sin: Biorythm program with listing by Albert Bradley
PCC	Mr	75 p24	a	BIOSIN: Listing of biorythm program
PCC	Jy	75 p10	a	BIOSIN for a Tiny Educsystem (PDP8L) by Walte Wallis
SCCS Interf.	F	76 p33	a	Applications Exchange: Biorythms
Comp. Notes	Jy	76 p10	a	Altair BASIC Biorythm Program by Henry Arnold

## BIOFEEDBACK

PCC	N	75 p22	b	Biofeedback and the Arts
PCC	S	76 p27	a	The Positive of Power Thinking by Pete Wonacott
PCC	S	76 p28	a	It's All in the Body--and So is the Mind by Russell Cassel

## BOOKS AND PUBLICATIONS

Byte	S	75 p4	e	What is BYTE? -- (the first) editorial by Carl Helmers
Byte	S	75 p9	a	from the publisher... how BYTE started by Wayne Green
Byte	S	75 p44	a	WRYTE for BYTE by Chris Ryland
Byte	F	76 p14	m	Our New Offices
Byte	Je	76 p89	b	The Best of Creative Computing by David Ahl
Byte	S	76 p16	a	Are You an Author? by Calvin N Mooers
Dr. Dobbs	F	76 p3	e	What's DDJCC&O All About?
	Book	p23		by Jim C. Warren, Jr
Dr. Dobbs	My	76 p26	a	Index to The Computer Hobbyist Vol 1 issues 1-9
	Book	p143		
Dr. Dobbs	Je	76 p6	l	Going to Submit a Program, Why Not Submit a copy to Journal?
	Book	p154		by Durward Landers
Dr. Dobbs	Je	76 p23	a	Index to Dr. Dobbs Volume 1, Numbers 1-6
Dr. Dobbs	N	76 p3	a	Product & Software Evaluation and Testing to Become Regular Feture in DD
	Book	p300		
EDN	F 20	75 p59	a	EDN Article Index for July-December 1974
EDN	Ag5	75 p69	a	EDN Article Index for January-June 1975
Elec. Des.	Mr15	75 p82	a	Electronic Design Annual Index 1974
Interface Age	Ag	76 p74	a	The Interface Age by Jean E Jones
Cr. Comput.	Mr	75 p6	e	Birth of a Magazine
	Book	I p2		by David Ahl
PCC	Ja	75 p14	a	What is PCC? by Joanne Verplanck
PCC	Mr	75 p4	a	Excerpts from MICRO-8 Users Group Newsletter by Harold Singer
PCC	My	75 p2	a	Short History of PCC along with current status by Keith Britton
PCC	Mr	76 p10	a	Periodicals That Progressive Scientists Should Know About (list)
PCC	Jy	76 p27	a	List of Computer Publications
Pop. Elec.	D	75 p107	a	Index to 1975 Popular Electronics Articles

## BOOKS AND PUBLICATIONS continued

Radio Elec.	D	73	p57	a	Radio Electronics Article Index for 1973
Radio Elec.	D	74	p62	a	Radio Electronics Article Index for 1974
Radio Elec.	D	75	p68	a	Radio Electronics Article Index for 1975
73	Ja	76	p150	a	73 Magazine: 1975 Annual Index of Articles
IEEE Computer	Ja	76	p42	a	LSI Microprocessors & Microcomputers: A Bibliography by Ann Ward
IEEE Computer	Ag	76	p46	a	Graphics, Interactive Techniques & Image Processing 1970-75 Bibliography by Udo Pooch

## BUSINESS AND ACCOUNTING

Byte	Je	76	p8	a	A Small Business Accounting System
	Book		p364		by John A Lehman
Interface Age	S	76	p24	a	Micro Business: Low Cost Systems What They can do for You by Mal Lockwood
Cr. Comput.	N	75	p65	a	Why Supermarkets Are Going Bananas Over Computers
	Book	I	p97		by Chris Barnett
Cr. Comput.	Ja	76	p87	b	Business Programming With BASIC by George Diehr
Cr. Comput.	Mr	76	p83	b	BASIC, A Computer Programming Language with Business & Management Appl. by C Carl Pegels
PCC	F	73	p12	a	Writing Bid Specs: Part 1 by LeRoy Finkle
PCC	Mr	74	p7	a	Writing Bid Specs (reprint from Vol1,#3) by LeRoy Finkle
PCC	Jy	75	p21	a	Starting up Your Own Center: What's entailed in starting non-profit org. by Keith Britton
IEEE Computer	S	76	p24	a	A Minicomputer Based Information System for a Small Business by David Fulton & Richard Thomas

## CALCULATORS

Byte	D	75	p70	a	The HP65: World's Smallest Computer System by Richard Nelson
Byte	Ap	76	p36	a	The SR-52: Another World's Smallest by J Bradley Flippin
Byte	Je	76	p104	l	Correction for: SR-52 Apr'76 p38 by Abijah Reed
Byte	S	76	p26	a	Build This Mathematical Function Unit part 1: Hardware by R Scott Guthrie
Byte	O	76	p74	a	Build This Mathematical Function Unit part 2: Software by R Scott Guthrie
Byte	D	76	p30	a	The Buried Gold in the SR-52 by Clif Penn
Electronics	Ag8	74	p105	a	Providing a Decimal Output for a Calculator Chip by Jack Lambert
Electronics	D 26	74	p96	a	Low Speed Counter Uses Low Priced Calculator Chip by Dennis Flora
Electronics	N 25	76	p77	a	Can You Count on Your Calculator (reliability) by Bernard Cole
Dr. Dobbs	Ja	76	p18	l	(Scientific Calculator For use with uP
	Book		p22		by Dr Robert Suding
EDN	Jy5	74	p36	a	Get the Most from your 4 Function Calculator by Henry Morris
EDN	Mr20	75	p68	a	Add a "Memory" to Your 4-Function Calculator by Jerry Saia
Elec. Des.	Ja18	75	p24	a	Growing Family of Small Machines at \$50 and up does Complex Math
Elec. Des.	Ja18	75	p50	a	Reverse Polish or Algebraic Entry Which is Best? by John A Ball
Elec. Des.	Mr15	75	p100	a	Convert Your Pocket Calculator into a Programmable Counter by George Alexandrovich
Elec. Des.	Je7	75	p80	a	Look at Calculator Languages by Thomas Biselong
Elec. Design	Ja5	76	p96	a	Incorporate a Calculator in Your Design by Kurt Skytte
Elec. Design	N 8	76	p74	m	Remote Control Calculator
Cr. Comput.	Ja	75	p32	a	Digital Calculators--Then and Now
	Book	I	p68		
Cr. Comput.	Ja	76	p16	a	Calculators in the Classroom
	Book	II	p88		by Deedee Pendleton
Cr. Comput.	Ja	76	p17	a	Tips for Buying a Calculator by Peter Weaver
Cr. Comput.	Ja	76	p18	a	General Purpose Calculator Ratings
Cr. Comput.	Ja	76	p81	b	Getting the Most out of Your Electronic Calculator
	Book	II	p316		by William Hunter
Cr. Comput.	N	76	p22	a	Equip. Profile: Hewlett Packard HP-25 Calculator
	Book	II	p279		by James Blodgett
Cr. Comput.	N	76	p65	a	New Electronic Desk Calculator From China
	Book	II	p14		by Kung Chang
PCC	My	75	p12	a	The Inside Story: What's Inside a Desktop Calculator
PCC	N	75	p9	a	Report on the Talking Calculator
					by Sevasailan Thisgaroan & Harold Stolovitch
PCC	Jy	76	p18	a	Minicalculator Information Resources
Pop. Elec.	My	74	p62	a	Buying and Using a Pocket Calculator by John T Frye
Pop. Elec.	Ja	75	p53	a	Build an Under \$90 Scientific Calculator by Martin Meyer
Pop. Elec.	S	75	p38	a	How to Add Functions to Simple Hand Calculators by Donald Shapino
Pop. Elec.	O	75	p33	a	Build the "Senior Scientist" Calculator by Martin Meyer
Pop. Elec.	N	75	p88	a	Calculator Chips for Other Circuits by Low Garner
Pop. Elec.	D	75	p94	a	Selecting a Calculator by John T Frye
Pop. Elec.	My	76	p29	a	Here Are the New Programmable Calculators by Forrest Mims
Pop. Elec.	My	76	p36	a	Build a Scientific Calculator by Martin Meyer
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## CALCULATORS continued

Pop. Elec.	Jy	76	p43	a	Learning Electronic Theory With Hand Held Calculators by Edward Moll
Pop. Elec.	S	76	p6	1	Correction for: Learning Electronic Theory Part 1 July '76
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Pop. Elec.	Ag	76	p58	a	Learning Electronic Theory With Hand Held Calculator Part 2 by Edward Moll
Pop. Elec.	S	76	p70	a	Leraning Electronic Theory With Hand Held Calculator by Edward Moll
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Radio Elec.	Ag	73	p33	a	How to Keep Calculators Running by Patrick Godding
Radio Elec.	Jy	74	p38	a	How Calculator IC's Work by Don Lancaster
SCCS Interf.	Mr	76	p26	a	Calcalat'n Engines, Whatever Happened to the Slide Rule by William Peterson
SCCS Interf.	Je	76	p36	a	Calculatin Engines by William Peterson

## CALCULATOR PROGRAMS

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Electronics	Ap4	74	p142	a	Evaluating $e^x$ with Constants by Steve Larson
Electronics	Ap4	74	p143	a	Chain Operation for Finding e to the x by Russell Price
Electronics	Ap4	74	p143	a	Counting Keystrokes to get Results by Frank Alexander
Electronics	Ap4	74	p143	a	Evaluating Logarithms by Counting Keystrokes by Louis Baerst
Electronics	Ap4	74	p144	a	Another Way to Compute e to the x by James Frauenthal
Electronics	Ap4	74	p144	a	Computing Sine & Cosine With Linear Interpolation by H W Crowley
Electronics	Ap4	74	p145	a	Polynomial Evaluations can be Fast & Accurate by David Rowland
Electronics	Ap4	74	p146	a	Fast Number Conversion from any Base to 10 by Robert Harris
Electronics	Ap4	74	p146	a	Calendar Computations: Past Present, Future by R Wilson Rowland
Electronics	Ap18	74	p114	a	Converting Tables to Equations Cuts Program Length for Calculator Use by Roger Story
Electronics	Mr20	75	p134	a	HP-45 Calculator Speeds RF Amplifier Design by William Martin
Electronics	Jy24	75	p108	a	Calculator Totals Two Sets of Numbers Simultaneously by Jack Greenfeder
Electronics	S 2	76	p108	a	Programmable Calculator Performs Spurious Signal Analysis (HP 25) by John Coleman
Electronics	S 30	76	p103	a	Programming an SR-56 as a Stopwatch by Martin Tobias
Electronics	O 14	76	p118	a	Program Provides Card Storage of SR-52 Data Memory Contents by David Phillips
Electronics	N 11	76	p116	a	HP-25 Calculator Serves as Clock by Jack Aker
Electronics	N 25	76	p131	a	Programmable Calculator Analyzes Filter Designs (SR-52) by Tom Martin
Electronics	D 9	76	p115	a	Standard Deviation Program Combines, Rearranges Data (HP-25) by Richard Nelson
EDN	Ja20	74	p78	a	Algorithm Derives Logs with 4 Function Calculator
EDN	Ap20	74	p87	a	Logs and Antilogs with Simple Calculators by Tom Vaughn
EDN	Jy5	74	p36	a	Get the Most from your 4 Function Calculator by Henry Morris
EDN	Jy5	74	p72	a	Find Sine or Cosine on a 4 Function Calculator by Cass Lewart
EDN	Jy20	74	p98	a	Expanded Algorithm Method Derives Additional Functions by Robert Barden, Douglas Collette and Michael Keshna
EDN	O 5	74	p57	a	Write Your Own Algorithms for the HP35 by Lee Morin
EDN	O 20	74	p88	a	No Table is Needed to Calculate Logarithms in Any Base by Eric Arnold
EDN	D 5	74	p27	a	Use that Programmable Calculator for Logic Design by John Frost
EDN	D 5	74	p42	a	Obtain Accurate Square Roots from Simple Calculators by Arnold Kauder
EDN	Ja5	75	p43	a	A Programmable Calculator for Parallel Impedance Problems by William Sawyers
EDN	Ja20	75	p57	a	Find Nth Order Roots on Inexpensive Calculators by Charles Brandon
EDN	F 20	75	p69	a	Calculate Large Powers Using a 4-Function Calculator by Charles Martin
EDN	Ap20	75	p72	a	Compute Common Logarithms on the 4-Function Calculator by James Grimpel and Cass Lewart
EDN	Je5	75	p78	a	Use Square-Root Key to Find Common Logs by Edward White Jr.
EDN	Je20	75	p120	a	New Algorithm Calculates e to the x by Errol Smith
EDN	Ag20	75	p82	a	Add Memory, Constant and % to 4 Function Calculators
Pop. Elec.	Jy	76	p43	a	Learning Electronic Theory With Hand Held Calculators by Edward Moll
Pop. Elec.	S	76	p6	1	Correction for: Learning Electronic Theory Part 1 July '76
Pop. Elec.	O	76	p8	1	Correction for: Learning Electronic Theory..Part 1 July '76
Pop. Elec.	Ag	76	p58	a	Learning Electronic Theory With Hand Held Calculator Part 2 by Edward Moll
Pop. Elec.	S	76	p70	a	Learning Electronic Theory With Hand Held Calculator by Edward Moll
73	Je	76	p122	a	Aim Your Beam Right -- with a programmable calculator by Chester Brent
73	O	76	p14	1	Circling Pattern HP65 version for Aim Your Beam Right 73, June '76 by William Trayfors
73	Ag	76	p112	a	Satellite Orbit Predicting--using a pocket calculator by Loring White
73	Ag	76	p68	a	Global Calculations for the DXer--using a hand calculator by Frank Kelly

## CLUBS AND ORGANIZATIONS

Byte	F	76	p4	e	Join the Club by Carl Helmers
Byte	Ag	76	p4	e	Some Notes on Clubs by Carl Helmers
Byte	0	76	p118	a	Meeting Activities for Computer Clubs by Dr Charles F Douds
Cr. Comput.	S	76	p40	a	Computer Club Directory
PCC	Mr	75	p5	a	Homebrew Computer Club by Fred Moore
PCC	N	75	p20	a	Clubs and Pubs: List o Clubs and their Publications
PCC	My	76	p28	a	List of Computer Clubs
PCC	Jy	76	p26	a	List of Computer Clubs
SCCS Interf.	Ap	76	p40	a	An Introduction to the By-Laws of The Southern Calif. Computer Society by Ward Spaniol

## CLOCKS

Byte	D	75	p82	a	Can Your Computer Tell Time? by James Hogenson
	Book		p294		
Electronics	D 23	76	p70	a	Priority Encoder Simplifies Clock to Computer Interfaces by John Oliver
EDN	Jy20	74	p44	a	This Digital Clock Sings a Song and Sounds the Alarm by Robert Kerber
Elec. Des.	Ap26	75	p88	a	Two-Phase Clock Generator and Driver Synchronize the 8080 uP by Gunders Osvalds
Pop. Elec.	Ja	76	p88	a	Interrupts and Real Time by Jerry Ogdin
73	0	75	p114	a	Digital Clock Time Bases by Warren MacDowell
73	Ja	76	p22	a	Clocks...Really Simplified by Larry Kahaner
73	0	76	p102	a	How to Interface a Clock Chip--Baudot, BCD or ASCII conversion by Roger Killick
Comp. Notes	F	76	p9	a	Vector Interrupt & Real Time Clock by Annette Milford

## CONSTRUCTION

Byte	S	75	p20	a	Recycling Used ICs by Carl Mikkelsen
	Book		p102		
Byte	S	75	p90	m	A Quick Kluge for Fastening Wire Wrap Sockets to Perforated Board by Carl Helmers
Byte	S	75	p85	b	TTL Cookbook by Don Lancaster
Byte	0	75	p46	a	Modular Construction, OR Why Not Do it Yourself by Don Walters
Byte	D	75	p17	a	The Secret of Unraveling Wire Wrap Boards by Richard Lerseth
Byte	D	75	p94	a	Photographic Notes on Prototype Construction by Carl Helmers
Byte	Ja	76	p56	a	Photographic Notes on Wire Wrapping by Carl Helmers
Byte	F	76	p60	m	Dressing Up Front Panels by Don Walters
	Book		p125		
Byte	Ap	76	p80	a	Save Money Using Mini Wire Wrap by Roger Thompson
Byte	Jy	76	p58	a	Make Your own Printed Circuit Boards by James Hogenson
	Book		p238		
Byte	Ag	76	p116	l	Some Wire Wrap Pointers by Alan Andrews
Byte	S	76	p104	a	A Flameless IC Recycling Trick by Jonathon Bondy and Ralph Droms
Byte	0	76	p16	l	(More on Making PC Boards (July'76 p58) by Jonathan Titus
Byte	N	76	p40	a	A Tip for Using Wiring Pencils by R W Burhans
Electronics	F 19	76	p97	a	Handy Breadboards Speed Prototypes (overview) by Jerry Lyman
Dr. Dobbs	S	76	p15	a	Personal Computers: A Bit of Wheat Amongst the Chaff by Jef Raskin
	Book		p242		
Dr. Dobbs	S	76	p17	l	A Tip on Soldering from Jim Day
	Book		p244		
Elec. Des.	D 6	75	p72	a	Improve Your PC Artwork Techniques by Donald Dattilo
Interface Age	Ag	76	p52	a	Computer Construction Hints by M Mallon
Interface Age	0	76	p58	a	Product Focus: CSC Experimentor 300/600 (breadboard sockets)
Cr. Comput.	S	75	p48	a	Building a Computer of Your Own by Stephen Gray
	Book		p107		
PCC	Jy	75	p14	a	Soldering? It's not the only way. Info on wire wrapping & breadboarding by Robert Muller
Pop. Elec.	Ag	74	p84	a	Tips on Kit Building by John Frye
Pop. Elec.	Ap	76	p66	a	Perf. Board Wiring Techniques by Adolph Mangieri
Pop. Elec.	N	76	p32	m	Computer RFI by John McVeigh
SCCS Interf.	Je	76	p56	a	UP'N RUNNIN' ; (techniques) by Stephen Tuenge
SCCS Interf.	Jy	76	p88	b	TV Typewriter Cookbook by Don Lancaster
SCCS Interf.	D	76	p34	a	Helpful Hints, or What I Had to Learn to Build a Computer by Tricia Wood
73	F	76	p30	a	You Can Make Photo IC Boards by John Harrington
73	Mr	76	p72	a	The IC See-er by Arny Cain
73	Ag	76	p52	a	The Skinflint's Delight Breadboard by Bob Hart
73	0	76	p101	a	Blow Torch Your ICs--a bonus from computer surplus by Pete Walton
73	D	76	p116	a	What's All This Wire Wrap Stuff --talk about cold solder joints by Burt Yellin
73	Hol	76	p46	a	PC Layout Method -- Simple & Inexpensive Artwork by Silas Smith
Comp. Notes	N	75	p15	a	Recycling Used IC's by Carl Mikkelsen

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Electronics	Ag8	74	p105	a	Providing a Decimal Output for a Calculator Chip by Jack Lambert
Electronics	N 28	74	p113	a	IC Trio Converts 7-Segment to Decimal by James Southway
Electronics	Je26	75	p95	a	Convertor Changes 7-Seg Output to Decimal or BCD by Prentice Orswell
Electronics	Jy8	76	p107	c	Decoders Convert Binary to Hex Display by Robert Starr
Dr. Dobbs	Ag	76	p12	a	Remember Those Secret Codes You Played With as a Kid? Well...
	Book		p202		by Mal Stiefel
Dr. Dobbs	0	76	p16	a	How to Code Code; Jack Armstrong's Super Decoder Ring
	Book		p278		by Jon O Stedman
EDN	Jy20	74	p96	a	Low Cost 7-seg to BCD Convertor simple and fast by Peter Alfke
EDN	0 5	76	p110	a	Binary - BCD with uP by Dana Geiger
Elec. Des.	F 15	75	p96	a	Convert 7-seg Numerical Code to Decimal or BCD by David Howells
Radio Elec.	F	74	p59	a	Build Improved ASCII Encoder by Don Lancaster
Radio Elec.	Mr	76	p51	a	ASCII to BAUDOT (TV Typewriter to Teletype) by Roger Smith
Radio Elec.	Jy	76	p14	l	Correction for: ASCII-BAUDOT Mar '76 by Roger Smith
Radio Elec.	Ag	76	p16	l	Correction for: ASCII-BAUDOT Mar'76 by Bjorner Dragnes
Radio Elec.	Ap	76	p57	a	BAUDOT to ASCII by Roger Smith
73	F	76	p52	a	ASCII to Baudot Converter by Cole Ellsworth
73	My	76	p84	a	Code Converter Using PROMs by Louis Hutton
73	Je	76	p114	a	ASCII/Baudot with a PROM--for ribbonless RTTY or computers
					by R David Guthrie
73	Ag	76	p120	a	...And on the Other Side - Binary Octalization of Decimals by Allan Joffe
73	S	76	p115	a	Sneaky Baudot - With an ASCII Keyboard by Allan Joffe
73	0	76	p102	a	How to Interface a Clock Chip--Baudot, BCD or ASCII conversion
					by Roger Killick
73	0	76	p96	a	RTTY/uP Flexibility--Baudot/ASCII serial/parallel I/O by Jeff Roloff
73	N	76	p150	a	ASCII/Baudot Converter for Your TVT -- series or parallel to boot
					by Jeff Roloff
73	N	76	p172	a	Baudot to ASCII -- you want to learn programming? by Mark Borgerson
73	Ho1	76	p194	l	Baudot to ASCII correction for above (Nov '76) by Mark Borgerson
73	N	76	p174	a	Baudot and Basic -- an interpreter for a Baudot computer
					by John Arnold and Dick Whipple
73	Ho1	76	p94	a	The Frumious Hexadecimal! Beware! - For 16 Fingered Folks by Allan Joffe
Byte	S	76	p50	a	How to Do a Number of Conversions by James Brown
Byte	N	76	p90	l	Correction for: A Number of Conversions (Sept'76 p58) by Bob Van Valzah

## CONVERSION, NUMBER BASE

Electronics	Ap4	74	p146	a	Fast Number Conversion from any Base to 10 by Robert Harris
Electronics	Ap18	74	p103	a	IC Logic Simplifies Binary Number Conversion by Harvey Hoffman
Electronics	Jy10	75	p113	a	Fast Method Converts Numbers from Base 10 to Any Other by Hans Treichel
Dr. Dobbs	Ja	76	p2	a	16 Bit Binary-to-Decimal Conversion Routine
	Book		p6		by Dennis Allison
PCC	My	74	p15	a	Abase--Number Game for Learning Bases-with listing by Peter Katz
73	Mr	76	p92	a	What's That in Binary? by Allan S Joffe
73	Je	76	p112	a	Number Systems--a brief history by John Isaacs

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Byte	D	75	p20	a	Logic Probes-- Hardware Bug Chasers
	Book		p213		by Alex Burr
Byte	S	76	p108	a	AMS80 Ver.2; AMSAT 8080 Standard Debug Monitor
					by Richard Allen and Joe Kasser
Electronics	D 26	74	p102	a	Counter Keeps Track of uP Interrupts by Douglas Risch
Electronics	Ap15	76	p116	a	Designers Needs are Getting Help (overview of debuggers)
Electronics	Je24	76	p105	c	Hardware Helps in Tracing uP Program (8080) by Jeffery Sukrow
Electronics	Ag5	76	p110	c	Circuit Steps Program for 8080 Debug by John Wakely
Dr. Dobbs	0	76	p26	a	Octal Debugging Program for MCS-80 Computer
	Book		p286		by ER Fisher
EDN	Ag20	75	p51	a	Basic uP Test Tool: The Portable Debugger by Jim Barnes and Verne Gregory
EDN	F 20	76	p53	a	How "Debug" Software Can Make a uP Bread Board Intelligent
					by James Tallman
Elec. Des.	Ap12	74	p168	a	Minimize Computer "Crashes", Analyses of an Asynchronous Condition
					by David Mayne
Elec. Des.	Je7	75	p75	a	Debug that uC System with a Mini by Raic Dusan
Elec. Design	Jy19	76	p80	a	Bringing Up Your uP (HP Logic Analyzer) by W A Farnbach
Elec. Design	S 1	76	p82	a	Design a uP Analyzer by Larry Bruni
Interface Age	Ag	76	p60	b	Digital Troubleshooting by Richard Gasperini
Pop. Elec.	My	76	p6	l	A Bug in Debugging Software; Sept'75 Computer Bits by M Harrison
Radio Elec.	Ag	73	p33	a	How to Keep Calculators Running by Patrick Godding
SCCS Interf.	F	76	p24	a	Bug Chaser (8080) by Lorne Douglas
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Comp. Notes	S	76	p6	a	Troubleshooting the Altair 680b by Rich Haber
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## DEFINITIONS

Interface Age	Ag	76	p59	b	Data Communications Dictionary by Charles Sippl
Interface Age	Ag	76	p60	b	Encyclopedia of Computer Science by Anthony Ralson and Chester Meek
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SCCS Interf.	Mr	76	p34	b	Microcomputer Dictionary & Guide by Charles Sippl
SCCS Interf.	Mr	76	p49	a	Buzzwords for the Computer Enthusiast by Terry Benson
Comp. Notes	Ag	76	p22	a	Acronym Glossary

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Byte	0	75	p68	a	Asynchronitis Sufferers--relief is here by Christopher Bancroft
Byte	F	76	p86	a	Getting Inputs from Joysticks and Slide Pots by Carl Helmers
Byte	Mr	76	p79	a	Pot Position Digitizing Idea by John Schulein
Byte	Mr	76	p92	b	Digital Design with Standard MSI & LSI by Thomas Blakslee
Byte	Ap	76	p42	a	Controlling External Devices With Hobbyist Computers by Robert Bosen
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Byte	Ag	76	p84	a	What's an I2L (I squared L)? by Terry Steeden
Byte	S	76	p26	a	Build This Mathematical Function Unit part 1: Hardware by R Scott Guthrie
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Byte	D	76	p42	a	Stretch That 6800 Clock by Jerry Henshaw
Dig. Design	N	76	p29	a	Data Acquisition Subsystems by Lewis Solomon and Edward Ross
Electronics	Mr21	74	p120	a	Operating a Logic Gate as a Flip-Flop by William Wilke
Electronics	Ap18	74	p103	a	IC Logic Simplifies Binary Number Conversion by Harvey Hoffman
Electronics	My30	74	p108	a	Simplifying Sum Correction Logic for Adding Two BCD Numbers by Robert Guyton
Electronics	Je13	74	p124	a	Another Way to Build a 2 Gate Flip-Flop by Donald Martin
Electronics	Je27	74	p110	a	Serial Digital Multiplier Handles Two Five Digit Numbers by T K Tawfig & A L Huins
Electronics	N 28	74	p109	a	Timer Circuit Generates Precision Power-On Reset by Jim Felps
Electronics	D 26	74	p102	a	Counter Keeps Track of uP Interrupts by Douglas Risch
Electronics	F 6	75	p114	a	Increasing an Instruction Set Without Increasing Word Length by C W Moser
Electronics	0 2	75	p104	a	Digital Pulses Synthesis Audio Sine Waves by Patrick McGuire
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EDN	S 20	75	p53	a	uP Clock Generators -- Buy or Build? by Stanley Brannan
EDN	S 20	75	p55	a	uP Timing is Snap With This New Hardware Building Block by John Morton
EDN	My5	76	p112	a	CMOS Touch Switches-Convenient, Less \$, & Sexy by Vern Gregory
EDN	N 20	76	p320	m	Low Cost Photo Scanner Yields High Performance (circuit) by Wesley Grenlund
Elec. Des.	Ap12	74	p176	a	Approximate Logs Easily with a Simple Combinatorial Circuit by Joseph Voyer
Elec. Des.	Ja4	75	p118	a	Circuit Eliminates Switch Bounce in Keyboards and Gives Latched Output by James de Haan
Elec. Des.	Ja4	75	p120	a	Add-to-Accumulator Circuit Uses a Minimum of External Hardware by Ajay Gupta
Elec. Des.	Mr1	75	p68	a	Display Inverter Circuit Eliminates Upside-Down Readout Problems by V Romanoorthy
Elec. Des.	Ap26	75	p44	a	Speed uC Multiplication with a CPU Complementary Circuit
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Elec. Design	Mr1	76	p68	m	Convert Keyboard or Computer Data to Dial Phone by Pekka Ritamaki
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Interface Age S	76	p75	b	Digital Circuits & Logic Design by Samuel Lee
PCC Mr	75	p3	a	Chip Talk: Introductory description of semiconductors and ICs by Lee Felsenstein
PCC	N	76	p7	a Chip Talk by Lee Felsenstein
Pop. Elec.	0	74	p58	a Light Up Your Circuits with LED's by Walter Jung
Pop. Elec.	S	75	p50	a Karnaugh Maps for Fast Digital Design by Art Davis
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Radio Elec.	Je	74	p48	a Understanding MOS Character Generators by Don Lancaster
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73	Ag	75	p73	a The Best Logic Yet by William Browning
73	0	75	p87	a Digital Logic -- Down Through the Months by L Stork
73	0	75	p114	a Digital Clock Time Bases by Warren MacDowell
73	N	75	p30	a Flip Flops Exposed by Larry Kahaner
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73	Je	76	p94	m Is Digital All That New? by Silas Smith
73	My	76	p96	a The Ins and Outs of TTL by Wayne Ledder
73	Ag	76	p24	a How Do You Use ICs?--fundamentals by Alexander MacLean
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73	Ag	76	p116	a The Death of Negative (IBM) Logic--some fundamentals of logic design by James Brown
73	Ag	76	p128	a Never Underestimate the NAND--introducing the 7400 quad NAND gate by Robert Henson
73	S	76	p104	a What's When - Timing Diagrams by John Craig
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73	N	76	p106	a How Do You Use ICs?--part III by Alexander MacLean
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Byte	Ja	76	p52	a There's More to Blinking Lights Than Meets the Eye by Carl Helmers
Byte	F	76	p54	a LEDs Light Up Your Logic by E W Gray
Byte	Je	76	p94	a Jitter (lights control on Altair) by Gordon Speer
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Byte	N	76	p42	a An Enterprising Display Device (SWTP GT-6144) by Joe Deres
Electronics	N 14	74	p155	a Scanning Only Bright Spots Generates CRT Characters Fast
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Dig. Design	Ja	76	p85	a Displays & Readouts; Review of Available Displays
Dig. Design	F	76	p44	a An Overview of LED & LCD Applications & Design Techniques by Jordan Backler
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Dig. Design	S	76	p12	a Interfacing uP Displays Tradeoffs and Techniques (4040) by Howard Raphael
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	Book		p175	
Elec. Des.	Mr1	75	p68	a Display Inverter Circuit Eliminates Upside-Down Readout Problems by V Romanoorthy
Elec. Des.	S 13	75	p52	a Focus on Displays
Elec. Design	Mr29	76	p68	a Displays Don't Trouble 8 Bit uP by Roger Thompson
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	Book		p188	
Interface Age S		76	p40	a Future Shock: No Time for Formal Education in Today's Technological Race by Neil Sclater
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PCC	Ja	74 p10	a	Information Exchange--Ideas for Computer Based Exchange of Educ. Info. by Jim Schuyler
PCC	Mr	74 p3	a	Buyer's Guide to Instructional Computing by Rusty Whitney
PCC	Mr	74 p12	a	The Joy of Donating a Computer--All Benefit by Toni Wiseman
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PCC	Mr	74 p13	a	We Go To Bid: Example of Bid and Result
PCC	Mr	74 p16	a	DEC Hardware and Software Useful for Schools
PCC	Mr	74 p18	a	Run Down on HP Educational Products
PCC	My	74 p11	a	Solo Works--Uof Pittsburgh Educational Computer Lab Project
PCC	S	74 p17	a	The Computer Illiteracy Problem: A Partial Solution by Peter Lykos
PCC	My	75 p4	a	The Computer "Glass Box", Type of Computer program aimed at learning by Howard Peele
PCC	Jy	75 p3	a	Evaluate Criteria for Remote Computer Services by Don Russell
PCC	Ja	76 p2	a	Report From Soloworks to PCC Readers
PCC	Mr	76 p19	a	Learning Fair by Susan Sands
PCC	My	76 p3	a	Electronics Class by Kent Inman
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PCC	S	76 p10	a	But it's Fun-But it's Educational, Computer Games in the Classroom by Joanne Verplank
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Pop. Elec.	Jy	76 p43	a	Learning Electronic Theory With Hand Held Calculators by Edward Moll
Pop. Elec.	S	76 p6	l	Correction for: Learning Electronic Theory Part 1 July '76
Pop. Elec.	O	76 p8	l	Correction for: Learning Electronic Theory..Part 1 July '76
Pop. Elec.	Ag	76 p58	a	Learning Electronic Theory With Hand Held Calculator Part 2 by Edward Moll
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	Book	p72		by Richard Simpson
Byte	Je	76 p40	a	Building a M6800 Microcomputer by Bob Abbott
Byte	Ag	76 p88	a	Systems of Note Roger Amidon's Spider (and Altair) by Carl Helmers
Dr. Dobbs	Je	76 p7	a	A Novice Constructs an IMSAI; an Attorney Builds His First Computer
	Book	p155		by SA Cochran
Dr. Dobbs	S	76 p15	a	Personal Computers: A Bit of Wheat Amongst the Chaff
	Book	p242		by Jef Raskin
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	Book	p273		by Pierre duPont V
EDN	Ja20	76 p51	a	Bringing up the Pace up: A Detailed Application Story by James Tallman
Interface Age	Ag	76 p56	a	Up' Running (8080) by Stephen Tuenge
Cr. Comput.	S	75 p48	a	Building a Computer of Your Own
	Book	I p107		by Stephen Gray
Cr. Comput.	Ja	76 p13	a	Building a MITS Altair 8800 *First Impressions*
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Cr. Comput.	N	76 p25	a	Building a MITS Altair 8800--Getting a System Together
	Book	II p275		by Richard Kuzmack
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SCCS Interf.	Ap	76 p48	l	UP 'N RUNNIN' (Altair 8800 experience) by Stephen Tuenge
SCCS Interf.	My	76 p38	a	The IMSAI 8080 (composite of experiences) by Daryl Shatz
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Cr. Comput.	My	75 p19	a	Time and again, and overtime
	Book	I p117		by Doodles Weaver
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	Book	II p126		by Carol Cail
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	Book	II p121		by Joseph N Vitale

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Cr. Comput. N 76 p60 a A Day in the Life of Able Charlie  
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 Cr. Comput. N 76 p63 a Little REM Writing Loop  
 Book II p142 by Gwen Hadley  
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 by Dave Kaufman  
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 Book p186 by Ron Santore

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Dr. Dobbs	Ag	76	p22	a	Lunar Lander for the 6502
	Book		p212		by Mark Garetz
Dr. Dobbs	Ag	76	p26	a	Games in Pittman's 6800 Tiny Basic (Stars, Acey Ducey, Trap, & Slot)
	Book		p216		by Carl Kelb
Dr. Dobbs	Ag	76	p28	a	Low Cost 6800 Systems Software & Games
	Book		p218		
Dr. Dobbs	Ag	76	p29	a	Shooting Stars for Uiterwyk's 6800 Micro BASIC
	Book		p219		by Mark J Borgerson
Dr. Dobbs	S	76	p26	a	A Number Game for the 6502 (MasterMind)
	Book		p253		by Steve Wozniak
Dr. Dobbs	S	76	p28	a	The Bouncing Beastie A Random Walker for Proc. Tech's VDM
	Book		p255		by Marvin Winzenread
Dr. Dobbs	O	76	p30	a	OOPS A Line Drawing Game for Your Video Terminal
	Book		p290		by Martin Winzenread
Dr. Dobbs	N	76	p58	a	Chase: A One or Two Player Video Game
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Interface Age	Ag	76	p75	a	Black Jack (listing) by Richard Edelman
Interface Age	S	76	p61	a	To Bluff or Not to Bluff by Phil Feldman and Tom Rugg
Interface Age	S	76	p68	a	But it's fun -- But it's Educational by Joanne Koltnow Verplank
Interface Age	N	76	p118	a	Expanded BlackJack in Basic by Ed Keith
Cr. Comput.	N	74	p16	a	Tac Tix and the Complications of Fallibility
	Book	I	p166		by Water Koetke
Cr. Comput.	N	74	p18	a	Depth Charge
	Book	I	p251		by Dana Noftle
Cr. Comput.	Ja	75	p6	a	Madlib--A Game
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Cr. Comput.	Ja	75	p10	a	Palindromes: For Those Who Like to End at the Beginning
	Book	I	p168		
Cr. Comput.	Ja	75	p13	a	Magic Square
	Book	I	p271		
Cr. Comput.	Ja	75	p19	a	LOVE
	Book	I	p265		by David Ahl
Cr. Comput.	Mr	75	p8	a	NOT ONE
	Book	I	p253		by Robert Puopolo
Cr. Comput.	Mr	75	p23	a	Rabbit Chase
	Book	I	p270		by Ted C Park
Cr. Comput.	Mr	75	p37	a	Binary
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Cr. Comput.	Mr	75	p48	a	A Universal Word Game in BASIC
	Book	I	p239		by Barney Milstein
Cr. Comput.	My	75	p9	a	SPLAT, Open a Parachute at the last moment
	Book	I	p268		by John Yegge
Cr. Comput.	My	75	p10	a	GEOWAR
	Book	I	p266		by Kenneth Janowiak
Cr. Comput.	My	75	p12	a	ICBM
	Book	I	p269		by Paul Calter
Cr. Comput.	My	75	p24	a	Nolan Bushnell--Father of Pong
	Book	I	p140		by Trish Todd
Cr. Comput.	My	75	p25	a	Playing Pong to WIN
	Book	I	p141		by David Ahl
Cr. Comput.	My	75	p26	a	LUNAR
	Book	I	p264		by David Ahl
Cr. Comput.	My	75	p32	a	Seawar
	Book	I	p262		
Cr. Comput.	My	75	p40	a	Super Star Trek (Listing and notes)
	Book	I	p275		
Cr. Comput.	My	75	p47	a	Mr. Spock's 7th Sense
	Book	I	p53		by T R Kibler
Cr. Comput.	S	75	p21	a	The 10 cent Computer and other Games
	Book	I	p189		by Gwyn Lyon
Cr. Comput.	S	75	p50	a	GUESS
	Book	I	p257		
Cr. Comput.	S	75	p51	a	Hunt the Wumpus
	Book	I	p247		by Gregory Yob
Cr. Comput.	S	75	p55	a	Civil War
	Book	I	p254		
Cr. Comput.	S	75	p58	a	REVERSE
	Book	I	p258		

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Book I p259 by Frederick Bell
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Book I p178 by Walter Koetke
- Cr. Comput. Ja 76 p6 e Learning With Computer Games  
Book II p242 by David Ahl
- Cr. Comput. Ja 76 p22 a Beating the Game  
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- Cr. Comput. Ja 76 p39 a Creative Chess  
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- Cr. Comput. Ja 76 p40 a Big Surprise From Small Computers in Chess Matches
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- Cr. Comput. Ja 76 p65 a Simulated Strategies of Game Playing  
Book II p25 by Dr. S Reisman
- Cr. Comput. Ja 76 p66 a Wumpus 2  
Book II p244 by Gregory Yob
- Cr. Comput. Ja 76 p69 a War 3 (listing)  
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- Cr. Comput. Ja 76 p69 a Dr. Z (listing)  
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- Cr. Comput. Ja 76 p72 a Concentration  
Book II p252 by Paul Calter
- Cr. Comput. Ja 76 p73 a Roadrace  
Book II p250
- Cr. Comput. Ja 76 p75 a Condot  
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- Cr. Comput. Ja 76 p79 a What To Do After You Hit Return  
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- Cr. Comput. Ja 76 p80 b Game Playing With Computers  
Book II p315 by Donald Spencer
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- Cr. Comput. Mr 76 p72 a Bob-Stones  
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- Cr. Comput. S 76 p44 a Star Trek Lives!
- Cr. Comput. S 76 p73 a Puzzles and problems for fun
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- Cr. Comput. S 76 p76 a Delmar  
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- Cr. Comput. N 76 p86 a LEM  
Book II p268
- Cr. Comput. N 76 p88 a Two-To-Ten  
Book II p270
- PCC O 72 p8 a GAMES (Example of Applied Random Number)
- PCC O 72 p11 a Letter Guessing Game; Applications of a String
- PCC D 72 p3 a STARS, Number Guessing Game
- PCC D 72 p18 a Bagles Number Guessing Game
- PCC F 73 p9 a CHOMP
- PCC F 73 p10 a ZINGO! Probability Game With Multiple Dice
- PCC Ap 73 p3 a Mugwump; Hide and Seek Game
- PCC Ap 73 p22 a Hurkle...Grid Guessing Game

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PCC	My	73	p4	a	Caves...Game Using Tree Structures and Networks
PCC	S	73	p6	a	Taxman, Number Game Using Lists and Factors
PCC	S	73	p12	a	Welcome to the Caves....Description of games Caves 2 and 3 (No listing) by Dave Kaufman
PCC	S	73	p18	a	Space Games...Review of space games & magazines on the market by Alister MacIntyre
PCC	S	73	p20	a	Our Games Past, Present and Future, recap of games published to date
PCC	S	73	p23	a	Inchworm...Game no listing
PCC	N	73	p23	a	Hunt the Wumpus--Game Description no listing
PCC	Ja	74	p4	a	Star Trader--Game Description, no listing
PCC	My	74	p10	a	Butter, Butter, Whose Got the Butter? by Dave Kaufman
PCC	My	74	p15	a	Abase--Number Game for Learning Bases--with listing by Peter Katz
PCC	S	74	p6	a	Maze--Self Solving Maze Game, no listing by Albert Bradley
PCC	S	74	p7	a	The Return of Inchworm, game description no listing
PCC	S	74	p13	a	ZOT
PCC	S	74	p14	a	Teaser
PCC	S	74	p16	a	The Dangling String
PCC	S	74	p24	a	Listings for: Numbers, Bagels, Letter, Trap Stars, Snak & Hurkle
PCC	N	74	p12	a	Bulls and Cleots: Word guessing game between computer and human by D Austin Stephens & Stephen Bates
PCC	N	74	p16	a	Further Adventures of Inchworm by Bob Albrecht
PCC	N	74	p25	a	Listings for: Reverse, Chomp & Beyond Bagles
PCC	Ja	75	p21	a	Friends of Inchworm: Idea for Inchworm game for two players
PCC	Ja	75	p24	a	Wumpus: Listing of Cave-type game by Dave Kaufman
PCC	Mr	75	p14	b	What to do After You Hit Return
PCC	Mr	75	p18	a	Inchworm: puzzles from Willimette High School
PCC	Mr	75	p23	a	What' in a Name? Game Generting patterns from peoples names, (strings) by Richard Michelson and Magdalena Muller
PCC	My	75	p14	a	BAGLES: number Guessing game description
PCC	My	75	p24	a	Inchworm on an Island
PCC	S	75	p6	a	Kingdom, Detailed game history and description with listing by Lee Schneider and Todd Voros
PCC	S	75	p10	a	Chomp for BASIC and 8008 listings
PCC	S	75	p11	a	Witchy; Game demonstrating masking technique & randomizing sequence by Walter Wallis
PCC	S	75	p24	a	LIFE on the Altair Listing in octal and breif rules by Adolph Stumpf
PCC	N	75	p4	a	Number: Game in 3 forms of BASIC
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PCC	Ja	76	p8	a	Diddle for a Small Altair 8800 by Stan Skogland
PCC	Ja	76	p13	a	A Game Based on ... Star Trek by Mike Mayfield
PCC	Ja	76	p20	a	MOTIE by Mac Oglesby
PCC	Ja	76	p22	a	RESCUE by Mac Oglesby
PCC	Ja	76	p24	a	NUMBER
PCC	Mr	76	p2	a	STRTRK: A 2 TTY Game
PCC	Mr	76	p8	a	DODGEM by Mac Oglesby
PCC	Mr	76	p11	a	Good Gaming!
PCC	Mr	76	p14	a	SQUARE by Mac Oglesby
PCC	My	76	p6	a	ST*R TR*K by Bill Crow
PCC	My	76	p17	a	POUNCE by Mac Oglesby
PCC	Jy	76	p20	a	SINNERS by Mac Oglesby
PCC	Jy	76	p23	a	Tiny Trek
PCC	Jy	76	p32	a	A Musical Number Guessing Game by Kurt Inman
PCC	S	76	p2	a	Star Trek by Mellow Flash
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PCC	S	76	p16	a	Planets by Mac Oglesby
PCC	S	76	p18	a	Journey to the Center of the Earth by Andrew Aronson
PCC	S	76	p20	a	Dungeons and Dragons by Steve Jackson
PCC	S	76	p31	a	Hats! by Frank Ambruster
PCC	N	76	p8	a	Story, Snake and Pack1 by Joanne Verplank
PCC	N	76	p16	a	Frogs by Mac Oglesby
Pop. Elec.	F	76	p39	a	The Game of Life for DAZZLER
Pop. Elec.	My	76	p98	a	Games for Learning (Computer Bits) by Jerry Ogdin
SCCS Interf.	D	75	p18	a	Games & Things by Mike Stern
SCCS Interf.	Ja	76	p38	a	Games and Things (notes about Star Trek) by Mike Stern
SCCS Interf.	F	76	p40	a	Slot Machine for MITS Basic by Jon Walden
SCCS Interf.	My	76	p57	a	The Game of FROG by Tom Rugg and Phil Feldman
SCCS Interf.	Je	76	p14	a	Star Trek Lives! by Lynn Cochran
SCCS Interf.	Je	76	p48	a	Large Scale Systems: Software Choices for Star Trek by Ralph Klestadt

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SCCS Interf.	Je	76	p49	a	Creative Trekking by Phil Feldman and Tom Rugg
SCCS Interf.	Je	76	p58	b	Scelbi's First Book of Computer Games for the 8008/8080
SCCS Interf.	Jy	76	p75	l	Word Search Puzzle Generator by Richard Edelman
SCCS Interf.	D	76	p21	†	Correcuion for: Word Search Puzzle Geneator (July'76) by Pamela Johnson
SCCS Interf.	D	76	p44	a	WARI by Tom Rugg and Phil Feldman
SCCS Interf.	D	76	p52	b	Game Playing With Computers by Donald Spencer
Comp. Notes	F	76	p7	a	Slot Machine Game for the MITS BASIC by Jon Walden
Comp. Notes	Je	76	p4	a	Star Trek Lives by Lynn Cochran
Comp. Notes	N	76	p31	a	Bulcow
Comp. Notes	N	76	p31	a	Nicoma

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Byte	D	76	p92	a	Desk Top Wonders: Shooting Stars for the SR-52 & PC-100 Printer by Craig A Pearce
Cr. Comput.	Mr	75	p47	a	Pocket Calculator Tricks!!
Cr. Comput.	Ja	76	p19	a	7 Pocket Calculator Games by James T Rogers
Cr. Comput.	Ja	76	p20	a	The Keyboard Game 2-Person Game for Pocket Calculators by L D Yarbrough
Cr. Comput.	Ja	76	p80	b	Games, Tricks and Puzzles for a Hand Held Calculator by Wallace Dudd
Cr. Comput.	Ja	76	p80	b	Games Calculators Play by Thomas Seymour
Cr. Comput.	Ja	76	p80	b	Mathematical Carnival by Martin Gardner
PCC	Ja	75	p26	a	Games Tricks and Puzzles: Fun with Electronic Calculators by Wallace Judd
PCC	Jy	75	p15	a	Thinking of a Number, Number guessing game using a calculator by Sivasailom Thiagarajan
PCC	Mr	76	p5	a	Games With the Pocket Calculator by Sivasailam Thiagarajan & Harold Stolovitch
SCCS Interf.	Je	76	p58	b	Games with the Pocket Calculator by Sivasailam Thiagarajan
SCCS Interf.	Jy	76	p93	a	Defective Detective (calculator game)

## GENERAL INTEREST

Byte	N	75	p6	e	The State of the Art by Carl Helmers
Byte	F	76	p74	a	A View From the Silicon Valley by Jim C Warren Jr.
Byte	F	76	p76	a	Could a Computer Take Over? by Ed Rush
Byte	F	76	p94	b	When Harlie Was One by David Gerrold
Byte	Ap	76	p4	e	Customization--The Expression of Individuality by Carl Helmers
Byte	My	76	p18	a	n Scurce (parts availability etc.) by R D Boudinot PhD
Byte	Jy	76	p4	e	The Trend Toward Hassle Free Products by Carl Helmers
Byte	Jy	76	p54	a	Surplus Electronics in Tokyo and Manila by Dr Michael N Hayes
Byte	Jy	76	p79	m	Tidbits From Electronic News
Byte	S	76	p6	e	Come One, Come All! by Carl Helmers
Byte	O	76	p103	b	Humanizing Computer Systems by Keith London
Byte	N	76	p16	m	Outstanding Computer Hobbyist of the Year Award by John Dilks
Byte	D	76	p6	e	Caught by Surprise by Carl Helmers
Dr. Dobbs	Ap	76	p3	e	History Repeats Itself by Jim C Warren Jr
Dr. Dobbs	My	76	p3	e	Copyright Mania by Jim C Warren Jr
Dr. Dobbs	Je	76	p42	l	FCC Petition on ANSCII Transmissions by Hams by Bruce Brown
Dr. Dobbs	Ag	76	p36	a	SMRT Will Hurt (Article about phone co. rate increase ) by Leroy Finkel
Dr. Dobbs	S	76	p35	a	How Secure is Computer Data? Not Very, Say Stanford Experts
Dr. Dobbs	O	76	p14	a	The Computer at Puberty by Jim C Warren Jr
EDN	O 20	76	p19	e	Latest Craze - Home Computing by Roy Forsberg
Cr. Comput.	N	74	p12	a	Crime, Cops, Computers by W David Malcolm Jr
Cr. Comput.	N	74	p32	a	PLANIT: The Portable CAI System by Charles Frye
Cr. Comput.	N	74	p34	a	The Parable of the Horse by John M Nevison
Cr. Comput.	Mr	75	p18	a	A Computer Career For You? by Judy Edwards

## GENERAL INTEREST continued

Cr. Comput.	Mr	75	p24	a	The Quality of Life by Milt Stone
Cr. Comput.	Mr	75	p40	a	Profile of an Industry
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Dr. Dobbs	Ja	76	p1	1	Tiny BASIC Status Letter
	Book		p5		by Dennis Allison
Dr. Dobbs	Ja	76	p5	a	Design Notes for Tiny BASIC (PCC Reprint V4,n2)
	Book		p9		by D Allison, Happy Lady & Friends
Dr. Dobbs	Ja	76	p9	a	Tiny BASIC (PCC Reprint V4,N3)
	Book		p13		by D Allison, B Greening, H Lady & Lots of Friends
Dr. Dobbs	Je	76	p34	1	Errors in & Improvements for Tiny Basic Extended (Jan/Feb)
	Book		p182		by Charles Skeldon
Dr. Dobbs	Ja	76	p10	a	Extendable Tiny BASIC
	Book		p14		by John Ribble
Dr. Dobbs	Mr	76	p6	1	Grammar Glitch in Extendable Tiny Basic Specs (Nov '75,PCC,p10)
	Book		p61		by Donald Hartley
Dr. Dobbs	Ja	76	p12	a	Corrected Tiny Basic IL
	Book		p16		by Bernard Greening
Dr. Dobbs	Ja	76	p14	a	Tiny BASIC Extended Version (TBX)
	Book		p18		by Dick Whipple & John Arnold
Dr. Dobbs	F	76	p13	a	Tiny BASIC Extended part 2
	Book		p35		by Dick Whipple & John Arnold
Dr. Dobbs	F	76	p34	1	Tiny Basic Available for the 6800
	Book		p56		by Tom Pittman

## LANGUAGES

## " TINY LANGUAGES continued

Dr. Dobbs	Mr	76	p7	1	Tiny BASIC & Micro-8
	Book		p62		by Thomas Amoth
Dr. Dobbs	Mr	76	p20	a	Denver Tiny BASIC for 8080's that includes I-D Arrays
	Book		p75		by FJ Greeb
Dr. Dobbs	S	76	p34	1	A "Fix" for Denver Tiny Basic
	Book		p261		by F J Greeb
Dr. Dobbs	Ap	76	p9	a	Minol - Tiny Basic with Strings in 1.75k Bytes
	Book		p95		by Erik T Mueller
Dr. Dobbs	Je	76	p36	1	MinErrata for Minol May '76 DD
	Book		p184		by Erik Mueller
Dr. Dobbs	Ag	76	p31	1	MINOL: Tiny Trek; Corections and more details
	Book		p221		by Erik Mueller
Dr. Dobbs	Ag	76	p32	1	MINOL Errata & Praise
	Book		p222		by Erik Mueller & Phillip Hansford
Dr. Dobbs	My	76	p12	a	Palo Alto Tiny Basic
	Book		p129		by Li-Chen Wang
Dr. Dobbs	Je	76	p35	1	Errata/Additions to Palo Alto Tiny Basic May '76 DD
	Book		p183		by Erik Mueller
Dr. Dobbs	Je	76	p4	1	Praise for Pittman's 6800 Tiny Basic
	Book		p152		by David Allen
Dr. Dobbs	S	76	p30	a	TBX additions; String Handling & Print Delimiter
	Book		p257		by The Penny Tiger
Dr. Dobbs	O	76	p21	m	Micro Basic Plus
	Book		p281		
Dr. Dobbs	O	76	p22	a	Tiny Basic for 6800 & 6502 from Tom Pittman
	Book		p282		
Dr. Dobbs	O	76	p32	a	Tiny Hi
	Book		p292		by Martin Buchanan
Dr. Dobbs	N	76	p34	a	NIBL - Tiny Basic for National SCMP Kit
	Book		p331		by Mark Alexander
Dr. Dobbs	N	76	p54	1	Components for Specifying Programming & mods to Tiny-Hi Language Design
	Book		p351		by Martin Buchanan
Interface Age	D	76	p92	a	Dr. Wang's Palo Alto Tiny Basic by Roger Rauskolb
PCC	S	75	p15	a	Design Notes for Tiny BASIC by Dennis Allison
PCC	S	75	p18	1	Tiny BASIC letters
PCC	N	75	p10	a	Letters on Tiny BASIC and a Listing by Dennis Allison
PCC	Mr	76	p17	a	Tiny BASIC To Go!
PCC	Jy	76	p22	a	Tiny Basic
PCC	N	76	p14	a	Tiny BASIC Tiny BASIC by Bob Albrecht

## " OTHER LANGUAGES

Dr. Dobbs	Ja	76	p19	1	SNOBOL for Altair
	Book		p23		
Dr. Dobbs	F	76	p8	a	SCELBAL--A Higer Level Language for 8008/8080 Systems
	Book		p30		by Mark Arnold & Nat Wadsworth
Interface Age	S	76	p77	a	FORTH: A Stack Oriented Language by William S Sinclair
Cr. Comput.	N	76	p32	a	SNOBOL
	Book II		p36		by David Touretzky
PCC	Ap	73	p11	a	PILOT '73...Language Implemented in BASIC by Gregory Yob

## LOGIC CIRCUITS AND FUNDAMENTALS

Byte	S	75	p85	b	TTL Cookbook by Don Lancaster
Byte	O	75	p68	a	Asynchronitis Sufferers--relief is here by Christopher Bancroft
Byte	D	75	p58	a	Flip Flops Exposed
	Book		p98		by William Browning
Dig. Design	O	76	p70	a	Designing With PLA
Elec. Des.	Jy19	75	p70	a	Combine Multichart Karnaugh Maps into Single, Easy to Handle Versions
Pop. Elec.	O	74	p56	a	Basic Logic Course: Part 1 Number Systems by Forrest Mims
Pop. Elec.	N	74	p57	a	Basic Digital Logic Course Part 2: Concepts and Circuits
					by Forrest Mims and H Edward Roberts
Pop. Elec.	D	74	p38	a	Logic Course Part 3: Flip Flops and How to Build a Low Cost Terminal
					by H Edward Roberts and David Bunnell
Pop. Elec.	N	75	p88	a	Calculator Chips for Other Circuits by Low Garner

## MATH, GENERAL

Byte	S	76	p26	a	Build This Mathematical Function Unit part 1: Hardware by R Scott Guthrie
Byte	S	76	p124	m	Programming Quickies: 8 Bit Fractional Multiplication by Ira Chayut
Byte	O	76	p74	a	Build This Mathematical Function Unit part 2: Software by R Scott Guthrie

## MATH, GENERAL continued

Byte	0	76	p100	b	Computer Rescouce Book--Algebra by Thomas Dwyer and Margot Critchfield
Dr. Dobbs	Je	76	p11	a	An Arithmetic Expression Evaluator, Coded in BASIC
	Book		p159		by Bill Thompson
Dr. Dobbs	N	76	p52	m	Correction for: Arithmetic Expression Evaluator Mod (June/Mod)
	Book		p349		by Jim Abshire
Elec. Des.	Ap12	74	p176	a	Approximate Logs Easily with a Simple Combinatorial Circuit
					by Joseph Voyer
Elec. Des.	Ap26	75	p44	a	Speed uC Multiplication with a CPU Complementary Circuit
Interface Age	N	76	p112	a	High Speed Double Precision Multiplication HISPDMUP
Interface Age	N	76	p114	a	Reentrant 16 Bit Divide Subroutine DIV16
Interface Age	N	76	p116	a	Reentrant Double Precision Multiplication RENTMUP
Cr. Comput.	Mr	75	p9	a	Computing Factorials -- Accurately
	Book	I	p172		by Walter Koetke
Cr. Comput.	My	75	p34	a	Relativity for Computers: All Arithmetic
	Book	I	p52		
Cr. Comput.	Ja	76	p64	a	Non-Usual Mathematics for Computer Solution
	Book	II	p207		by James Reagan
Cr. Comput.	Ja	76	p82	b	Mathematics. A Human Endeavor
	Book	II	p317		by Harold Jacobs
Cr. Comput.	Mr	76	p60	a	Geometric Proofs
	Book	II	p219		by Thomas J Kelanic
PCC	My	73	p20	a	The Falacy is The Fallacy, Is there a way around the zero divisor prob.
PCC	My	76	p21	a	Logical Expressions
Radio Elec.	Jy	73	p23	a	Boolean Algebra by James Kennedy
Radio Elec.	N	73	p58	a	Understanding Computer Arithmetic by H Edwards Roberts
73	Je	76	p112	a	Number Systems--a brief history by John Isaacs

## MATH, PROBLEMS AND PUZZLES

Cr. Comput.	N	74	p15	a	Problems for Creative Programming
Cr. Comput.	N	74	p16	a	Tac Tix and the Complications of Fallibility
	Book	I	p166		by Water Koetke
Cr. Comput.	Ja	75	p10	a	Palindromes: For Those Who Like to End at the Beginning
	Book	I	p168		
Cr. Comput.	My	75	p18	a	Follow up on Palindromes (Jan-Feb '75 Cr Comput) by Gregory Yob
Cr. Comput.	My	75	p21	a	Aedi, Mutab, Neda and Sogal
	Book	I	p175		by Walter Koetke
Cr. Comput.	My	75	p23	a	Puzzles and Problems for Fun
Cr. Comput.	S	75	p23	a	A Puzzle For Fun (several puzzles)
Cr. Comput.	S	75	p28	a	Doubling Up
	Book	I	p181		by Frank Tapson
Cr. Comput.	S	75	p29	a	Turtle Geometry Without Hardware
	Book	I	p186		by Robert McLean
Cr. Comput.	N	75	p17	a	Puzzle: People and Cabins
	Book	I	p185		
Cr. Comput.	Ja	76	p45	a	Puzzles; 15 Pages, 115 Puzzles for Computers, Humans, Calculators
					by David Ahl
Cr. Comput.	S	76	p73	a	Puzzles and problems for fun

## MATH, RANDOM NUMBERS

PCC	0	72	p7	a	Random Numbers
PCC	0	72	p8	a	GAMES (Example of Applied Random Number)
PCC	Jy	75	p13	a	The Myterious and Unpredictable RND: Listings for the 8008 & 8080
					by Bob Albrecht
SCCS Interf.	Mr	76	p40	a	Random Number Gerenerator by Tom Rugg
SCCS Interf.	Ap	76	p46	a	Random Number Generators & How They're Used by Tom Rugg

## MEMORY GENERAL

Byte	Ja	76	p60	a	Taking Advantage of Memory Address Space by James Luscher
Byte	My	76	p56	l	Correction for: Taking Advantage of Address Space (Jan'76 p62)
					by Donald Zanolla
Byte	F	76	p46	a	How to Save the Bytes by Thomas McIntire
Byte	Ap	76	p28	a	How to Build a Memory With One Layer Printed Circuits by Don Lancaster
Byte	My	76	p24	a	Read Only Memories in uComputer Memory Address Space
	Book		p200		by Dale Eichbauer
Byte	Ag	76	p6	a	What Do You Do With a Video Disk? by Martin Buchanan
Byte	N	76	p16	e	The Address Space Saturation Problem by Carl Helmers
Electronics	My2	74	p115	a	Measuring the Access Time of Bipolar Read Only Memories
					by Joseph McDowell
Electronics	Jy10	75	p107	a	Timing: A Crucial Factor in LSI-MOS Main Memory Design by Len Levine

## MEMORY, GENERAL continued

Electronics	D 23	76	p67	a	How to Expand a uP Memory by Howard Raphael
Dig. Design	D	75	p15	a	Product Guide: Memories
Dig. Design	Jy	76	p31	a	Chipping Away at Core: Overreview of Available RAMs by Eugene Hnatek
Dr. Dobbs	S	76	p17	1	IMSAI Owners-Beware of the Memory Clobbering Phantom
	Book		p244		by Pete Cornell
EDN	S 5	74	p49	a	Designers Guide to Semiconductor Memory Systems by John Springer
EDN	S 5	74	p69	a	Random Addressing with PROM's Saves Time and Money
					by J S Boyd & J D Jenkins
EDN	Je20	76	p117	a	Manual DMA Will Get uP Running Quickly by Charles Felber & Donald Gauger
EDN	N 20	76	p181	a	Organization of Memory Systems Ch.5
Elec. Des.	Ap1	75	p98	a	Focus on Semiconductor Memories by Edward Torrero
Pop. Elec.	N	76	p106	a	Mass Storage Systems by Hal Chamberlain
SCCS Interf.	Mr	76	p43	a	Power on Clear vs Memory Protect by S Wilcox
SCCS Interf.	Ap	76	p39	a	Memory Expansion Technique by S Wilcox
73	Je	76	p96	a	Those Exciting Memory Chips--RAMs,ROMs,PROMs,etc. by Joseph Fowler
Ham Radio	Je	76	p64	a	uC Interfacing: Accumulator I/O Versus Memory I/O by David Larsen
IEEE Computer	F	75	p20	a	Electronic Disks by John Wensky
IEEE Computer	Mr	76	p36	a	Bubble Memories---Where Do We Stand? by John Salzer
IEEE Computer	Mr	76	p45	a	The Organization of Electronic Cyclic Memories (Serial memories)
					by Harold Stone
IEEE Computer	Ap	76	p33	a	Charged Coupled Memories for Computer Systems by G Panigrahi
IEEE Computer	Ag	76	p65	a	Computer Design to Minimize Memory Requirements by Eric Hehner
IEEE Computer	O	76	p27	a	Virtual Memory by R W Doran

## " FLOPPY

Byte	D	76	p86	a	State of the Art Disk Technology (Shugart SA400)
Dig. Design	D	75	p59	a	Product Guide: Hard Disk Drives
Dig. Design	Ja	76	p35	a	Floppy Disk Drive; Review of Drives
Dig. Design	Je	76	p60	a	Low Cost Data Storage; Overview of Available Types by Jordan Backler
Dig. Design	O	76	p12	a	Pint Size Floppy Could Replace Cassettes (Shugart SA400)
Dr. Dobbs	Ap	76	p5	m	First Word on a Floppy Disc Operating System
	Book		p91		by Jim C Warren Jr
Dr. Dobbs	Ag	76	p5	e	The Time for Floppy's is Just About NOW!!
	Book		p195		by Jim C Warren
Dr. Dobbs	O	76	p5	1	Consumer Report on ICOM Floppy Disc
	Book		p267		by Chuck Felber
EDN	Ja20	75	p37	a	Flexible Discs: A Look at the Latest Mini-Peripheral by Donald Reichel
EDN	Ja5	76	p18	a	When it Comes to Floppies There's Much To Know Before You Buy
					by Woody Floyd
Elec. Design	D 6	76	p86	a	Inexpensive Digital Storage Media (tape vs floppy) by A Bruce Manildi
Interface Age	O	76	p55	a	Product Focus: SA400 Minifloppy
Interface Age	O	76	p68	a	Hardware Report: Western Digital FD1771B Floppy Controller Chip
					by Roger Edelson
Interface Age	N	76	p18	a	Hardware Report: Super Chip FD 1771 (Western Digital floppy controller)
					by Roger Edelson
Interface Age	D	76	p12	a	Hardware Report: FD1771 Western Digital Floppy Controller part 3
					by Roger Edelson
Interface Age	D	76	p28	a	Product Profile: New Floppy Disk System (ICOM) by Larry Courtney
Cr. Comput.	N	76	p38	a	Disk Destruction Made Simple
	Book		p284		by Bill Thorne
SCCS Interf.	D	76	p28	a	Floppy Disk Operating System by Art Childs
IEEE Computer	Mr	76	p30	a	Low-Cost Rotating Memories Status & Future by A J Kolk Jr
Comp. Notes	Ap	76	p12	a	Altair Disk Test Programs by Tom Durston
Comp. Notes	Ag	76	p16	a	Disk Boot Loader, Octal Listing

## " PROM AND ROM

Byte	My	76	p24	a	Read Only Memories in uComputer Memory Address Space
	Book		p200		by Dale Eichbauer
EDN	S 5	74	p69	a	Random Addressing with PROM's Saves Time and Money
					by J S Boyd & J D Jenkins
Byte	N	75	p66	a	A Versatile Read Only Memory Programmer by Peter Helmers
Byte	D	75	p64	a	Read Only Memory Technology by Don Lancaster
Byte	Ap	76	p34	a	Aargh! (or How to Automate PROM Burning Without Electromech. Logic)
					by Peter Helmers
Byte	My	76	p28	a	More Information on PROMs
	Book		p203		by Roger Smith
Byte	Ag	76	p76	1	Correction for: Information on PROMs(May'76 p31) by Roger Smith
Electronics	My29	75	p126	a	DIP Switches & Diodes form Programmable ROM by Louis Frenzel

## MEMORY

## " PROM AND ROM continued

Electronics	Mr18	76	p120	a	Program Reduces Fusible Prom Errors by Shlomo Waser
Electronics	S 2	76	p100	a	PROM Decoder Replaces Chip Enabling Logic by Ray Blacksher
Electronics	D 9	76	p101	a	An Electrically Alterable Rom (NEC uPD454/8) by James Kelly & David Millet
EDN	Mr5	74	p59	a	Programming the PROM: A make or buy decision by John McMullen
EDN	Ag5	75	p22	a	Designers Guide to Semiconductor Memories Part 1 by Robert Frankenberg
EDN	Ja5	76	p33	a	Do It Yourself Prom Programming for Up System by Richard Rosner
Elec. Design	Je7	76	p148	a	Program EPROMs on the Board by Joe McDowell
Elec. Design	S 1	76	p98	a	Patching a Program in ROM by Tim Travis
Elec. Design	O 25	76	p172	a	Build a PROM Programmer by Robert Kerber
Pop. Elec.	Jy	75	p27	a	How to Program Read-Only-Memories by Robert Pascoe
Radio Elec.	F	74	p45	a	What is a ROM?
Radio Elec.	N	75	p72	a	How PROM's Work by Roger Smith
73	S	76	p92	a	PROM Memory Revisited by D W Ishmael
73	S	76	p112	a	The PROM Zapper 8223's by Geoffry Kufchak

## " RAM

Byte	N	75	p12	a	The Ins and Outs of Volatile Memories by Dan Lancaster
Dig. Design	Jy	76	p31	a	Chipping Away at Core: Overreview of Available RAMs by Eugene Hnatek
SCCS Interf.	Mr	76	p43	a	Power on Clear vs Memory Protect by S Wilcox
Byte	Jy	76	p6	a	Coincident Current Ferrite Core Memories by James R Jones
Electronics	Mr21	74	p119	a	Reducing Power Drain of Semiconductor RAMs by B W Martin & J A Roberts
Electronics	Je13	74	p108	a	Semiconductor Random Access Memories by Laurence Altman
Electronics	Ja23	75	p100	a	Inductor Simplifies Memory Driver Circuit by Robert Johnson, Paul Feldman & Edwin Fisher
Electronics	Jy24	75	p102	a	Consider 1024-bit CMOS RAMs for Small Static Memory Systems by Shep Hume
Electronics	F 19	76	p116	a	Enter th 16K RAM (Intel) by James Coe and William Oldham
Electronics	My13	76	p81	a	16K RAM May Offer High Startup Reliability (TI) by Clinton Kuo, Nori Kitagawa and John Henkein
Electronics	Jy22	76	p75	a	16K RAMs Still Less Than Standard (review)
Electronics	S 2	76	p103	a	Check List for 4096 bit RAMs-Flags Potential Problems in Memory Design by R C Foss & R Harland
Electronics	D 9	76	p101	a	An Electrically Alterable Rom (NEC uPD454/8) by James Kelly & David Millet
Dig. Design	Ja	76	p29	a	RAM Chips; Review of Devices Available
Dig. Design	Ap	76	p74	m	Circuit Protects RAMs During Power Outage by Robert Kinseal
Dig. Design	My	76	p91	a	Read/Write Memory Modules: Review of Those Available by Jordan Backler
Dr. Dobbs	Je	76	p4	1	4K RAM Board unpopulated for \$18.75 by Jim Garrett
EDN	Jy5	74	p26	a	Designing Memories with 4K RAM's will be easier than with 1K Chips by John Bond
EDN	Ap20	75	p53	a	Non Volatile uP Memory Uses 4K N-MOS RAMs by Jim Vittera
EDN	Ag5	75	p22	a	Designers Guide to Semiconductor Memories Part 1 by Robert Frankenberg
EDN	Ag20	75	p58	a	Designers Guide to Semiconductor Memories Part 2 by Robert Frankenberg
EDN	S 5	75	p68	a	Designers Guide to Semiconductor Memories Part 3 by Robert Frankenberg
EDN	S 20	75	p62	a	Designers Guide to Semiconductor Memories Part 4 by Robert Frankenberg
EDN	O 5	75	p31	a	Designers Guide to Semiconductor Memories Part 5 by Robert Frankenberg
EDN	O 20	75	p44	a	Designers Guide to Semiconductor Memories Part 6 by Robert Frankenberg
EDN	N 5	75	p59	a	Designers Guide to Semiconductor Memories Part 7 by Robert Frankenberg
EDN	N 20	75	p127	a	Designers Guide to Semiconductor Memory Part 8 by Robert Frankenberg
EDN	Ja5	76	p42	a	Designers Guide To Semiconductor Memory by Robert Frankenberg & Gordon Goodrich
EDN	Ap5	76	p81	a	Build a "TTY" Ram Loader by Ralph Tenny
Elec. Des.	F 1	74	p40	a	4096 bit RAMs Making the Scene as an Alternative to Core Finally by Northe Osbrink
Elec. Des.	S 1	74	p72	a	Give Flexibility to Memory Systems by Bob Cook
Elec. Des.	O 25	74	p100	a	Improve Memory Systems with 4K RAMS by Rajin Shah, T C Lo and Jeff Linden
Elec. Design	Je7	76	p138	a	Choosing Among 4K MOS RAMs by George Lander
Interface Age	N	76	p42	a	Protecting Stored Programs by William Sevedge
Radio Elec.	S	74	p50	a	What's a RAM? by Don Lancaster
SCCS Interf.	F	76	p32	a	Hardware Report: Godbout 4K RAM Bd. Note of Problem by Scott Wilcox
SCCS Interf.	F	76	p32	a	Hardware Report: Solid State Music 4K RAM (review)
SCCS Interf.	Mr	76	p42	a	Godbout 4K RAM Follow Up
Modern Data	Ag	75	p51	a	Magnetic Core Memories, A Tutorial Review by J Reese Brown

## " TAPE

Byte	Ja	76	p31	a	Horror Story (Loss of Data Stored on Tape) by Jim Warren
Byte	F	76	p72	a	Byte's Audio Cassette Standards Symposium by Manfred and Virginia Peschke

## MEMORY

## " TAPE continued

Byte	Mr	76	p10	a	The Compleat Tape Cassette Interface
	Book		p177		by Jack Hemenway
Byte	Mr	76	p18	a	Magnetic Recording for Computers
	Book		p44		by William A Manly
Byte	Mr	76	p30	a	Build the Bit Boffer by Don Lancaster
Byte	Ag	76	p76	l	Correction for: Build the Bit Boffer (Mar'76 p30) by Argyle W Bridgett
Byte	Mr	76	p40	a	Digital Data on Cassette Recorders
	Book		p184		by Harold Mauch
Byte	Ap	76	p9	l	Correction for: An Improved Cassette Interface Circuit (Mar'76 p40
					Mods & Improvements) by Harold Mauch
Byte	Mr	76	p6	e	Magnetic Recording Technology by Carl Helmers
Byte	Jy	76	p46	a	Why Wait? Build a Fast Cassette Interface
	Book		p190		by Dr Robert Suding
Byte	N	76	p76	l	Some Thoughts on Miscellany and Tape Modulations by Frank Bennett
Byte	D	76	p98	a	The Designer's Eye View of The SWTP AC-30 by Gary Kay
Byte	D	76	p110	a	Building the AC-30 Cassette Interface by Gary Liming
Electronics	Ap18	74	p104	a	Storing Computer Data With a Cassette Recorder by Richard Eckhardt
Dig. Design	F	75	p28	a	Powering Up a Cartridge Tape Drive by Thomas Blakeslee
Dig. Design	My	75	p24	a	The Cartridge - Cassette Confrontation
					by Lewis Solomon, Edward Ross and Thomas Switenbank
Dig. Design	Je	75	p24	a	High Density Recording--A Communications View by John Fogarty
Dig. Design	Ja	76	p67	a	Cartridge/Cassette Drives; Review of Available Drives
Dig. Design	Je	76	p60	a	Low Cost Data Storage; Overview of Available Types by Jordan Backler
Dr. Dobbs	N	76	p12	l	A Good Response to Complaints about Tarbell Tape Units
	Book		p309		by Don Tarbell
EDN	Ap5	75	p111	a	Comparator Technique Expands Tape Recorders Range by Jack White
EDN	Je5	75	p63	a	New Techniques Squeeze More Data Onto Magnetic Tape by Raha Javid
EDN	Mr5	76	p83	a	An Inexpensive Audio Cassette Interface by Soo-Nam Kim
Elec. Des.	O 11	75	p76	a	Squeeze More Data Onto Mag Tape by Using Delay Modulation Coding
					by Walter Bently and Spyros Varsor
Elec. Design	D 6	76	p86	a	Inexpensive Digital Storage Media (tape vs floppy) by A Bruce Manildi
PCC	Mr	75	p25	a	Son of Hardware: Use of Phase Lock Loops in Cassette Interfaces
					by Lee Felsenstein
Pop. Elec.	S	75	p57	a	Hobbyist Interchange Tape System by Jerry Ogdin
Pop. Elec.	Mr	76	p88	a	Computer Users Tape System "CUTS" (Computer Bits) by Robert Marsh
Pop. Elec.	Je	76	p6	l	Cuts; Ref Computer Bits Mar,76 by Phillip Tubb
SC Interace	Ja	76	p43	l	Tape Storage Format by S Wilcox
SCCS Interf.	Ap	76	p19	a	Bubble Memory is Coming by T C Wirtz
SCCS Interf.	Je	76	p43	a	Cassette Tape Format Standards by Charles Eby
SCCS Interf.	D	76	p40	a	Universal Cassette Interface System by Roger Modeen
73	My	76	p88	a	A Nifty Cassette-Computer System by 73 Magazine Staff
73	Jy	76	p145	a	Inexpensive Paper Tape Systems by Dick Whipple and John Arnold
Modern Data	S	35	p35	a	Tape Cartridge Drives & Systems by Stephen Coswell
Modern Data	O	75	p58	a	Cassette Drives & Systems by Stephen Coswell
IEEE Computer	Mr	76	p21	a	Low-Cost Tape Devices by L C Hobbs
Comp. Notes	N	75	p11	a	Build this Record & Play Switch Unit for Your Altair by Craig Pearce
Comp. Notes	N	75	p22	a	I/O Programs for the ACR (Tape Recoder) by Tom Durston
Comp. Notes	N	75	p24	a	Tape Recorder Motor Control

## " TEST

Electronics	My2	74	p115	a	Measuring the Access Time of Bipolar Read Only Memories
					by Joseph McDowell
Comp. Notes	Ap	76	p12	a	Altair Disk Test Programs by Tom Durston
Electronics	N 14	74	p153	a	ROM's in uPs Can Test Themselves
					by John Pealnar, David Dack & David Warren
Dr. Dobbs	My	76	p9	a	Bad Bit Getters: Memory Test Program
	Book		p126		by Ray Boaz
Dr. Dobbs	S	76	p32	l	Another Memory Test Program
	Book		p259		by Richard A Kaapke
EDN	N 20	74	p47	a	4K RAM's: Increased Densities Bring Dificult Testing Problems
					by Jim Fischer
Interface Age	N	76	p97	a	SWTPC 6800 Short Memory Address Convergence MEMCON-1 by Gary Kay
Interface Age	N	76	p94	a	SWTPC 6800 Rotating Bit RAM Memory Diagnostic ROBIT-1 by Gary Kay
Interface Age	D	76	p82	a	Exhaustive Memory Testing by T E Travis
Radio Elec.	Je	75	p22	l	Mark-8 Memory Check
SCCS Interf.	Ja	76	p31	a	4K Memory Check by Jon Walden
SC Interace	Ja	76	p45	a	Memory Check Program by Scott Wilcox
73	O	76	p114	a	How to Check Memory Boards--use this simple program 8080 by Dan Stogdill
Comp. Notes	O	76	p3	a	Short Memory Test
Comp. Notes	O	76	p4	a	Troubleshooting 16K Static Memory Boards by Rich Haber & John Archer

## MICROCOMPUTERS

## " GENERAL

- Byte My 76 p88 b EDN Microprocessor Design Series Vol. II  
 Byte Je 76 p32 a A Systems Approach to a Personal Microcomputer  
 Book p14 by Dr. Robert Suding  
 Byte Je 76 p40 a Building a M6800 Microcomputer by Bob Abbott  
 Byte Je 76 p106 a 6800 System of Note  
 Byte Jy 76 p104 b Microprocessors & Minicomputers by Branko Soucek  
 Byte O 76 p9 e The Concertina System by Carl Helmers  
 Byte O 76 p138 l a Salute to the PDP-8 and Farewell  
 Byte D 76 p114 a A Universal Turing Machine by Jonathon K Millen PhD  
 Electronics F 5 76 p77 a The One Board Computer with Programmable I/O (Intel 80/10)  
 by Bob Garrow, Jim Johnson and Mike Maery  
 Electronics Ap15 76 p78 a Microprocessors, Designers Gain Freedom as Options Multiply (overview)  
 Dr. Dobbs Ja 76 p18 l Scientific Calculator For use with uP  
 Book p22 by Dr Robert Suding  
 Dr. Dobbs Ag 76 p8 a Proposed Hobbyist-Standard Bus Structure (S-100, Altair/IMSAI Bus)  
 Book p198 by D Denny & J Broom  
 EDN F 20 74 p44 a Don't Overlook the 4 bit uP: They're here and they're cheap  
 by Robert Cushman  
 EDN Ap20 76 p63 a How Development System can Speed up uP Design Process by Robert Cushman  
 EDN Jy20 76 p60 a Computer Product Showcase  
 EDN O 5 76 p55 a Add Vectored interrupts & Memory Mapped I/O (4004/4040)  
 EDN N 20 76 p155 a Use Your Microcomputer as a Hands-on Learning Tool Ch.3  
 EDN D 12 76 p48 a Computer & Peripheral Product Showcase  
 Elec. Des. S 27 75 p72 a Design Your Own Microcomputer by Using Bipolar LSI Slices (6701)  
 by David Wyland  
 Elec. Design My10 76 p84 a Build a Compact Microcomputer Part 2 by A J Nichols  
 Interface Age Ag 76 p10 a Product review of Processor System by Ralph Wells  
 Interface Age S 76 p47 a Micro Computer: Computer or Controller by Terry Benson  
 Interface Age O 76 p22 a Microcomputers The First Step by William K Sevedge  
 Interface Age O 76 p75 a Mfg. Profile: Break-in at VERAS by Robert M Tripp  
 Cr. Comput. Mr 76 p39 a Microprocessors & Microcomputers The State Of The Art  
 Book II p15 by Brian L J Callahan  
 Cr. Comput. Mr p42 a Personal Computers  
 Book II p11  
 Cr. Comput. Mr 76 p85 b Principles of Data Processing by Robert A Stern  
 Cr. Comput. N 76 p65 a 10 Good Reasons Why Computers Can (poem)  
 Microtek Ag 76 p34 a Just Getting into Microprocessing? Odds are You'll End up with a Kit  
 by Edward Torreno  
 PCC S 74 p4 a A Practical, Low Cost, Home/School Microprocessor System  
 by Joe Weisbecker  
 PCC N 74 p20 a Home Computing: A hardware status report by LeRoy Finkle  
 PCC Jy 75 p18 a Kits and Hardware: What to expect from kits  
 PCC S 75 p13 a Signals & Glitches: Goings on in Hardware--mostly Altair 8800 oriented  
 by Lee Felsenstein  
 PCC Mr 76 p29 a MICROCOMPUTER DIGEST List of Computer Manufacturers  
 Pop. Elec. Je 75 p69 a Computer Bits: A New Breed of Hobbyist by Jerry Ogdin  
 Pop. Elec. N 76 p32 m Computer RFI by John McVeigh  
 Radio Elec. Je 75 p44 a Build Your Own Reading Computer by Joseph Braunbeck  
 Radio Elec. S 76 p36 a Microprocessors: Assembling a System by Karl Savon  
 SCCS Interf. Mr 76 p49 a Buzzwords for the Computer Enthusiast by Terry Benson  
 SCCS Interf. My 76 p54 a The War of Hardware and Software by S Wilcox  
 SCCS Interf. My 76 p59 b Computer Lib by Theodor Nelson  
 SCCS Interf. Jy 76 p49 a Hardware and New Product Directory  
 73 O 75 p40 a Computers Are Here Are You Ready? by Wayne Green  
 73 Ag 76 p90 a The Which Chip Dilemma!--4,8,12,or16 bits: pros and cons by Tom Pittman  
 73 D 76 p78 a A Ham's Computer -- CW/RTTY the easy way by Louis Hutton  
 73 D 76 p84 a What's All This LSI Bunk?-- an ostrich's eye view of the microprocessor  
 by Dr Lance Leventhal  
 73 Ho1 76 p86 a The Bit Explosion--8 vs 12' vs 16 vs ? by Robert Baker  
 Mini Micro Je 76 p44 a Microcomputers by Michael Teener  
 Ham Radio Ja 76 p36 a How uPs fit the scheme of Computers and Controllers that exist today  
 by David Larsen  
 Modern Data F 75 p43 a Other uC Chips, the CPU is Not Enough by Jerry Ogdin  
 IEEE Computer Ja 76 p42 a LSI Microprocessors & Microcomputers: A Bibliography by Ann Ward

## " FUNDAMENTALS AND DESIGN

- EDN Ap20 76 p63 a How Development System can Speed up uP Design Process by Robert Cushman  
 EDN N 20 76 p155 a Use Your Microcomputer as a Hands-on Learning Tool Ch.3

## MICROCOMPUTERS

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Microtek	Ag	76	p34	a	Just Getting into Microprocessing? Odds are You'll End up with a Kit by Edward Torreno
Byte	N	75	p20	a	Computers Are RIDICULOUSLY SIMPLE! by Nat Wadsworth
Byte	D	75	p30	a	What is a Character?
	Book		p27		by Manfred Peshka
Byte	Ja	76	p77	l	Correction for above (Dec '75 p35)
Byte	Ap	76	p76	b	An Introduction to Microcomputers by Adam Osborne
Electronics	Ja23	75	p90	a	Designing uPs With Standard Logic Devices by Robert Jager
Electronics	F 6	75	p102	a	Designing uPs with Standard Logic Devices Part 2 by Robert Jager
Electronics	F 6	75	p114	a	Increasing an Instruction Set Without Increasing Word Length by C W Moser
Electronics	My27	76	p111	a	Design Worksheet can Generate Least Parts Best Advantages (6800) by Ray Vasquery
Electronics	S 30	76	p100	a	Hints for Beginners in Microprocessors (8008) by Alan Bloch
Dig. Design	Ag	75	p62	a	Microprocessor System Design by Art Lane
EDN	N 20	76	p129	a	Defining the Microprocessor and Microcomputer System
EDN	N 20	76	p147	a	Connecting Internal and External Registers Requires Good Timing Ch.2
EDN	N 20	76	p217	a	Designing Input/Output Interfaces Ch.7
EDN	N 20	76	p289	a	Hardware and Software Interchangeability Ch.9
EDN	N 20	76	p311	a	A Systematic Approach to uC Design Ch.11
Interface Age	Ag	76	p59	b	Computers Made Really Simple by Kent Porter
Interface Age	Ag	76	p60	b	Encyclopedia of Computer Science by Anthony Ralson and Chester Meek
Pop. Elec.	Je	75	p69	a	Computer Bits: A New Breed of Hobbyist by Jerry Ogden
Pop. Elec.	S	75	p50	a	Karnaugh Maps for Fast Digital Design by Art Davis
Pop. Elec.	D	75	p80	a	Programming Notes for the Altair 680 Microcomputer by H Edward Roberts and Paul Van Baalen
Pop. Elec.	Ap	76	p46	a	Introduction to Computer Codes by R T Robbins
Pop. Elec.	Ap	76	p106	b	Microcomputer System Design & Hardware for 8008/8080 by Donald Martin
Pop. Elec.	Je	76	p47	a	Ins and Outs of Computers for Beginners by Eugene Mitchell
Pop. Elec.	D	76	p105	b	An Introduction to Microprocessors by Adam Osborne
QST	Ag	76	p11	a	Meet the Microprocessor part 1 by William Thomas & Stephen Better
QST	S	76	p15	a	Meet the Microprocessor part 2 by William Thomas & Stephen Better
QST	O	76	p32	a	Meet the Microprocessor part 3 by William Thomas & Stephen Better
Radio Elec.	F	76	p14	a	Essential Principles of Computers part 1 by Tim Barry
Radio Elec.	F	76	p89	a	Introduction to the Microcomputer by John Titus, David Larsen & Peter Rony
Radio Elec.	My	76	p16	l	OOOPS corection to Computer Corner Feb'76 by Phillip Edelsberg
Radio Elec.	Ap	76	p18	a	Anatomy of a Typical Microcomputer System by Peter Rony, David Larsen, John Titus
Radio Elec.	Je	76	p22	a	How Microcomputers Controls I/O with Software by David Larsen, Peter Rony & John Titus
Radio Elec.	Ag	76	p24	a	Interface of the 8080 by David Larsen, Peter Rony, John Titus
SCCS Interf.	Ja	76	p7	a	Introduction to uP Technology
SCCS Interf.	F	76	p11	a	Introduction to uP Technology
SCCS Interf.	Mr	76	p11	a	Introduction to uP Technology (6800)
SCCS Interf.	Mr	76	p34	b	An Introduction to Microcomputers by Adam Osborne
SCCS Interf.	Mr	76	p42	a	Essentials for Beginners by S Wilcox
SCCS Interf.	Ap	76	p10	a	Introdustion to uP Technology; Utility Programmes Available for 6800
SCCS Interf.	Ap	76	p12	a	Introduction to uP Technology (Summary and Index)
SCCS Interf.	Jy	76	p32	a	Designing Logic Circuits, Boolean Algebra by Bruce Scott
SCCS Interf.	D	76	p52	b	Digital Computers Made Simple by Saul Heller
73	O	75	p109	a	Say, OM, Are You a Computer? by Frank Kelly
73	Mr	76	p68	a	What's a Computer? by George Allen
73	Ap	76	p68	a	Computers Are Ridiculously Simple! by Nat Wadsworth
73	Je	76	p84	a	Two Finger Arithmetic--how computers figure by George Allen
73	Ag	76	p24	a	How Do You Use ICs?--fundamentals by Alexander MacLean
73	Ag	76	p108	a	How Computer Arithmetic Works--do it yourself experiments by George Allen
73	S	76	p104	a	What's When - Timing Diagrams by John Craig
73	Ho1	76	p80	a	What Computers Can and Can't Do - A look a Amateur Possibilities by Gene Bartsch
Mini Micro	Je	76	p44	a	Microcomputers by Michael Teener
Ham Radio	F	76	p31	a	What is a Microcomputer Input/Output Device? by Peter Rony
Ham Radio	Ag	76	p74	a	How Does a Microcomputer Make a Decision? by Jonathon Titus
IEEE Computer	O	75	p22	a	Tutorial: uP Application in Multiprocessor Systems by B C Searle & D E Freberg
IEEE Computer	Ag	76	p65	a	Computer Design to Minimize Memory Requirements by Eric Hehner
Comp. Notes	Jy	76	p13	a	My Computer Just Stares by Steve Pollini
Comp. Notes	Ag	76	p11	a	My Computer Just Stares at Me by Steve Pollini

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## " SELECTION GUIDE

Interface Age	Ag	76	p10	a	Product Review of Processor System by Ralph Wells
Byte	S	75	p10	a	Which Microprocessor for You? by Hal Chamberlin
Byte	My	76	p88	b	EDN Microprocessor Design Series Vol. II
Dig. Design	D	75	p29	a	Product Guide: Mini Computers
Dig. Design	Ja	76	p17	a	Microcomputer; Review of Available Products
EDN	N 20	75	p65	a	uC Systems Directory: Where have all the uPs Gone? by Robert Grossman
EDN	N 20	76	p95	a	EDN Microcomputer Systems Directory by John Conway & Paul Snigier
Interface Age	N	76	p43	a	New Product Guide
PCC	My	75	p25	a	Reviews of some kits on the market
Pop. Elec.	D	76	p51	a	How to Select a Hobbyist Computer by Stephen Gray
SCCS Interf.	Jy	76	p68	a	Manufacturers Reference Guide
Mini Micro	Je	76	p44	a	Microcomputers by Michael Teener

## " ALTAIR 8800 &amp; 680

Byte	D	75	p78	a	First Person Report: Assembling an Altair 8800
	Book		p56		by John Zarrella
Byte	F	76	p42	a	The New Altair 680
	Book		p68		by James B Vice
Byte	Ap	76	p79	m	IO Strokes for the Altair 8800 (circuit) by John M Schulein
Dig. Design	Ag	75	p80	a	The Makings of a Mini--Altair 8800 Computer Kit by Martin Himmelfarb
Interface Age	Ag	76	p28	a	A New Pony: The Altair 8800B by Andrea Lewis
Interface Age	Ag	76	p77	m	Minor Front Panel Additions to Altair 8800 by Richard Kenyon
Interface Age	S	76	p80	m	Hardware Report: Altair Address Trap by Scott Wilcox
Interface Age	D	76	p8	l	Correction for: Hardware Report (Sept'76 p80) by William Mitchell
Cr. Comput.	Ja	76	p13	a	Building a MITS Altair 8800 *First Impressions*
	Book	II	p272		by Steve Gray
Cr. Comput.	N	76	p25	a	Building a MITS Altair 8800--Getting a System Together
	Book	II	p275		by Richard Kuzmack
PCC	Ja	75	p2	a	Announcements of Micros--8008 and 8080 Based Systems & the Altair 8800
PCC	S	75	p12	a	Criticism & Self Criticism on earlier review of the Altair 8800
					by Lee Felsenstein
PCC	S	75	p13	a	Signals & Glitches: Goings on in Hardware--mostly Altair 8800 oriented
					by Lee Felsenstein
Pop. Elec.	Ja	75	p33	a	Exclusive! Altair 8800 The Most Powerful Minicomputer ever presented
					by H Edward Roberts and William Yates
Pop. Elec.	F	75	p56	a	Altair 8800 Mini Computer Part 2 by H Edward Roberts and William Yates
Pop. Elec.	N	75	p33	a	The First Motorola/AMI "6800" MPU Computer Project (Altair 680)
					by H Edward Roberts and Paul Van Baalen
Pop. Elec.	D	75	p80	a	Programming Notes for the Altair 680 Microcomputer
					by H Edward Roberts and Paul Van Baalen
SCCS Interf.	Ja	76	p25	a	The Makings of a Mini (Altair 8800 review)
SCCS Interf.	Ap	76	p48	l	UP 'N RUNNIN' (Altair 8800 experience) by Stephen Tuenge
SCCS Interf.	Ap	76	p54	a	Altair Alterations: Single Step Pulser by John Borders
Comp. Notes	O	75	p1	a	Altair 680 by James Vice
Comp. Notes	F	76	p14	a	Altair 8800 Interfaces by Kenneth Wiberg
Comp. Notes	D	76	p14	a	Q&A Hardware Glitches, memory boards, sense switches
					by Rich Haber & Bruce Fowler
Comp. Notes	D	76	p16	a	Field Testing the Altair 8800 (Golfing) by Gene Dial

## " DYNA MICRO

Radio Elec.	My	76	p33	a	Build Dyna Micro an 8080 Microcomputer part1 by John Titus
Radio Elec.	N	76	p16	l	Correction for:Dyna Micro MAY'76 by Darrell Wright
Radio Elec.	Je	76	p41	a	Build Dyna Micro an 8080 Microcomputer part 2 by John Titus
Radio Elec.	Jy	76	p48	a	Build Dyna Micro 8080 Microcomputer part3 by John Titus

## " ELF (COSMAC)

Pop. Elec.	Ag	76	p33	a	Build the Cosmac "ELF" part I by Joseph Weisbecker
Pop. Elec.	O	76	p6	l	Correction for: Building the COSMAC ELF Aug '76
Pop. Elec.	S	76	p37	a	Build the COSMAC "ELF" part 2 by Joseph Weisbecker

## " IMSAI

SCCS Interf.	My	76	p38	a	The IMSAI 8080 (composite of experiences) by Daryl Shatz
Dr. Dobbs	Je	76	p7	a	A Novice Constructs an IMSAI; an Attorney Builds His First Computer
	Book		p155		by SA Cochran
Dr. Dobbs	S	76	p17	l	IMSAI Owners--Beware of the Memory Clobbering Phantom
	Book		p244		by Pete Cornell
Dr. Dobbs	O	76	p11	l	Assembling an IMSAI Micro Computer
	Book		p273		by Pierre duPont V

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## " IMSAI continued

Dr. Dobbs N 76 p14 1 IMSAI Incompatibility  
 Book p311 by Glenn Tenney  
 Interface Age Ag 76 p43 a IMSAI 8080 (product review) by S A Cochran  
 Microtrek Ag 76 p52 a Buyers Report: IMSAI 8080 Computer Kit by Robert Brehm

## " KIM

Byte My 76 p8 a A Date with KIM (experience)  
 Book p72 by Richard Simpson  
 Byte Ag 76 p44 a True Confessions: How I Relate to KIM  
 Book p76 by Yogesh Gupta  
 Byte S 76 p93 1 KIM On, Now (experience) by George Thompson  
 Microtrek Ag 76 p7 a KIM 1 Microcomputer Module (experience of a user) by T E Travis

## " MARK-8

Radio Elec. Jy 74 p29 a Build the Mark-8 Microcomputer by Jon Titus  
 Radio Elec. D 74 p22 1 Mark-8 Letters  
 Radio Elec. Je 75 p22 1 Mark-8 Memory Check  
 Radio Elec. Jy 75 p14 1 TVT to the Mark-8

## " SPHERE

Byte O 75 p61 a Are They Real...visit to Sphere  
 Byte Jy 76 p18 a Assembling a Sphere by Bruce A Anderson  
 PCC Mr 76 p27 a One Evaluation of a Sphere by Charles Burton  
 SCCS Interf. My 76 p55 a UP 'N RUNNIN': The Saga of Sphere by Warren Welmer  
 Byte Ja 76 p80 m Sphere Rolls Into Town

## " SWTPC

Byte D 75 p72 a Build a 6800 System With This Kit  
 Book p59 by Gary Kay  
 Byte Ja 76 p92 m Review: The CT-1024 Kit; SWTP, keyboard to TV Interface by James Hogenson  
 Byte F 76 p50 a More on the SWTPC 6800 System  
 Book p64 by Gary Kay

## " OTHER MICROCOMPUTERS

Interface Age O 76 p65 a Interfacing the Apple Computer by Steven Jobs  
 SCCS Interf. Jy 76 p91 a Comparing Apples and Oranges (Apple-1 Computer) by R S Jones  
 Byte N 76 p132 a Product Description: The Astral 2000  
 Dr. Dobbs Je 76 p5 1 Denver's Digital Group Kit Draws Praise  
 Book p153 by Ed C Epp  
 Byte Jy 76 p22 a Explore an 8080 with Educator 8080 by Charles P Howerton  
 Byte N 76 p91 1 Correction for: Educator-8080 (July'76 p22) by Dr Charles F Douds  
 Byte Ja 76 p12 a A New Computer: The DEC LSI-11  
 Book p86 by Robert Baker  
 Byte S 76 p44 a The MSC 8080+ Microcomputer as a Personal System by Ken Barbier  
 PCC Jy 76 p30 a 16 Bit Computer Kit PACER by John Snell  
 Dr. Dobbs N 76 p16 1 Poly 88 An Excellent System  
 Book p313 by Jef Raskin  
 Byte S 75 p16 a The RGS 008A Microcomputer Kit by James Hogenson  
 Pop. Elec. Jy 76 p35 a Build SOL an Intelligent Computer Terminal  
 by Robert Marsh and Lee Felsenstein  
 Cr. Comput. N 76 p20 a Equip. Profile: Tektronix 4051 Graphics System  
 Book II p282 by Stephen B Gray  
 Interface Age D 76 p56 a The Technico Super Starter: TI9900 16 Bit Microcomputer by Terry Dollhoff  
 SCCS Interf. Jy 76 p40 a Mfg. Profile; Wave Mate Won't Waiver by Sheila Clarke  
 Interface Age D 76 p65 a Card of the Month: The Cromenco ZPU Card by Roger Edelson

## MICROPROCESSORS GENERAL

Byte Ja 76 p90 b Microprocessors: New Directions for Designers by Edward Torrero  
 Electronics Mr21 74 p111 a 12-bit uP Nears Minicomputer Performance Level (Toshiba TLCS-12)  
 by Tadauki Tarui  
 Electronics Ap18 74 p81 a Single Chip uPs Open up a New World of Applications by Laurence Altman  
 Dr. Dobbs Ag 76 p10 a The PCM-12: A PDP-8 Look-Alike Well Worth Looking At  
 Book p200 by Jim C Warren  
 EDN Jy20 74 p69 a Survey of Microprogramable uP's reveals ultimate Software Flexibility  
 by Jerry Ogdin  
 EDN N 20 74 p24 a Microprocessors and Microcomputers What Will the Future Bring?  
 by Jerry Neth  
 EDN Ap20 75 p41 a Exposing the Black Art of uP Benchmarking by Robert Cushman

## MICROPROCESSORS

## " GENERAL continued

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|---------------|------|----|------|---|---|
| EDN           | My20 | 75 | p43  | a | uP Benchmarks: How Well Does the uP Move Data by Robert Cushman                         |
| EDN           | Je20 | 75 | p105 | a | Beware of Errors that can creep into Benchmark Programs by Robert Cushman               |
| EDN           | S 5  | 75 | p40  | a | uP Simplifies Design of Flexible Specialized Test Equipment by R M Roth                 |
| EDN           | N 20 | 75 | p82  | a | uPs Today: A Promising Past Turns into a Positive Future by Jerry Neth                  |
| EDN           | N 20 | 75 | p117 | a | The 2 1/2 Generation Machines Make Learning uPs a Snap by Robert Cushman                |
| EDN           | N 20 | 75 | p144 | a | 4 Bit uPs -- Should You be Using One? by Peter Schade                                   |
| Elec. Des.    | S 1  | 74 | p52  | a | Focus on Microprocessors by Edward Torrero  |
| Elec. Des.    | N 8  | 75 | p70  | a | Increase uC Efficiency With Interrupt & DMA Capabilities by David Wyland                |
| Elec. Des.    | N 8  | 75 | p78  | a | Speed uP Responses Without Interrupt or DMA, Let Ready Line Do the Job by Eugene Fisher |
| SCCS Interf.  | My   | 76 | p14  | a | The War of the Processors IMP16 8080 Z80 6800 6502 ... by Adam Osborne                  |
| Mini Micro    | Jy   | 76 | p42  | a | Microprocessor Score Card by Dan Bowers   |
| IEEE Computer | Ja   | 76 | p42  | a | LSI Microprocessors & Microcomputers: A Bibliography by Ann Ward                        |
| IEEE Computer | Je   | 76 | p34  | a | Introduction to LSI uP Developements by A O Williams & H J Jelinek                      |

## " FUNDAMENTALS

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|---------------|------|----|-----|---|--|
| EDN           | Ag20 | 74 | p49 | a | How to Design a uP Based Controller System by Jonathon Titus                     |
| EDN           | S 20 | 74 | p46 | a | How to Get Acquainted with a uP by Robert Cushman                                |
| EDN           | S 20 | 75 | p53 | a | uP Clock Generators -- Buy or Build? by Stanley Brannan                          |
| EDN           | 0 20 | 75 | p64 | a | Getting Started in uPs on a Shoestring Budget by Robert Cushman                  |
| Elec. Design  | Ap26 | 76 | p58 | a | An Introduction to Microprocessors Part 1 by Edward Torrero                      |
| Interface Age | 0    | 76 | p44 | a | The Microprocessor by Harvey Cragon and Larry Housey                             |
| PCC           | Mr   | 75 | p3  | a | Chip Talk: Introductory description of semiconductors and ICs by Lee Felsenstein |
| SCCS Interf.  | Ja   | 76 | p7  | a | Introduction to uP Technology  |
| Ham Radio     | D    | 75 | p32 | a | An Introduction to Microprocessors by David Larsen                               |
| Modern Data   | Ja   | 75 | p37 | a | Inside uPs: Solid State Lore for the Lay Reader by A Scott McPhillips            |

## " SELECTION GUIDES

- |               |      |    |      |   |   |
|---------------|------|----|------|---|---|
| Dig. Design   | D    | 75 | p87  | a | Product Guide: Microprocessors  |
| EDN           | Ap20 | 74 | p38  | a | Survey of uPs reveals limitless variety of calculator oriented uPs by Jerry Ogdin |
| EDN           | Je20 | 74 | p44  | a | Survey of 8-bit uPs reveals wide choice for users by Jerry Ogdin                  |
| EDN           | N 20 | 74 | p31  | a | EDN's First Annual uP Directory 1974  |
| EDN           | N 20 | 75 | p42  | a | EDN's Second Annual Microprocessor Directory by Robert Cushman                    |
| EDN           | N 20 | 76 | p44  | a | EDN's Third Annual Microprocessor Directory by Robert Cushman                     |
| Elec. Des.    | Je7  | 74 | p100 | a | MOS/LSI Microprocessor Selection Guide by Alan Weissberger                        |
| Elec. Des.    | S 1  | 74 | p52  | a | Focus on Microprocessors by Edward Torrero  |
| Elec. Design  | Mr29 | 76 | p58  | a | Focus on Micro Processors (Index of Mfg.) by Edward Torrero                       |
| Interface Age | N    | 76 | p43  | a | New Product Guide   |
| Mini Micro    | Jy   | 76 | p42  | a | Microprocessor Score Card by Dan Bowers   |

## " 6502

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|---------------|------|----|------|---|--|
| Byte          | N    | 75 | p56  | a | Son of Motorola (or, the \$20 CPU Chip) MCS6501                                    |
|               | Book |    | p110 |   | by Daniel Fylstra  |
| Byte          | Ja   | 76 | p74  | m | That Didn't Take Long at All (6502 product intro)                                  |
| Dr. Dobbs     | Mr   | 76 | p17  | a | Breakpoint Routine for 6502's  |
|               | Book |    | p72  |   | by John Zeigler  |
| Dr. Dobbs     | S    | 76 | p33  | l | Errata to Zeigler's 6502 "Bug Program" March '76 DDJ                               |
|               | Book |    | p260 |   |  |
| Dr. Dobbs     | Je   | 76 | p5   | l | Plaudits for MOS Technology  |
|               | Book |    | p153 |   | by Gerald Severson   |
| Dr. Dobbs     | Je   | 76 | p43  | a | Western Data's 6502-Based Data Handler   |
|               | Book |    | p191 |   |  |
| Dr. Dobbs     | Ag   | 76 | p17  | a | Floating Point Routines for the 6502   |
|               | Book |    | p207 |   | by Roy Rankin & Steve Wozniak  |
| Dr. Dobbs     | Ag   | 76 | p20  | a | Monitor for the 6502   |
|               | Book |    | p210 |   | by Jack Bradshaw   |
| EDN           | S 20 | 75 | p36  | a | 2 1/2 Generation uPs- \$10 Parts that perform Like Low End Minis by Robert Cushman |
| EDN           | N 20 | 75 | p117 | a | The 2 1/2 Generation Machines Make Learning uPs a Snap by Robert Cushman           |
| Elec. Design  | 0 11 | 76 | p78  | a | Control Logic for uP Enables Single Step (6502) by Erich Pfeiffer                  |
| Interface Age | S    | 76 | p14  | a | 6502 Disassembler by Allen Baum and Steven Wozniak                                 |
| SCCS Interf.  | My   | 76 | p14  | a | The War of the Processors IMP16 8080 Z80 6800 6502 ... by Adam Osborne             |

## " 6800

- |      |      |    |     |   |                                   |
|------|------|----|-----|---|-----------------------------------|
| Byte | D    | 75 | p72 | a | Build a 6800 System With This Kit |
|      | Book |    | p59 |   | by Gary Kay                       |

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## " 6800 continued

Byte	Je	76	p40	a	Building a M6800 Microcomputer by Bob Abbott
Byte	Je	76	p54	l	Utilizing Special Cases (6800) by George Beine
Byte	Je	76	p106	a	6800 System of Note
Byte	D	76	p42	a	Stretch That 6800 Clock by Jerry Henshaw
Electronics	Mr18	76	p106	c	Dual 555 Timer Restarts uP (6800) by James Bainter
Electronics	My27	76	p111	a	Design Worksheet can Generate Least Parts Best Advantages (6800) by Ray Vasquery
Electronics	D 23	76	p85	c	Designing With the 6820 PIA by Jack Gilmore & Ron Huntington
Dig. Design	N	76	p56	a	uP Software: How to Optimize Timing & Memory Usage (8080,6800) by Terry Dollhoff
Dr. Dobbs	Je	76	p41	l	A Software Exchange for 6800's
Book			p189		by Howard Berenbon
Dr. Dobbs	Ag	76	p28	a	Low Cost 6800 Systems Software & Games
Book			p218		
EDN	N 20	74	p87	a	A Very Complete Chip Set Joins the Great Microprocessor Race (6800) by Robert Cushman
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73	Ag	76	p122	a	Build the Safari RTTY Terminal--an active filter modem from Africa by Bernd Grossman and John Reid

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Byte	0	75	p14	a	Add a Kluge Harp to Your Computer
Book			p226		by Carl Helmers
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PCC	D	72	p14	a	Basic Music, Overtones, Octaves, Scales and Melody Generator
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Cr. Comput.	Mr	76	p84	b	A Guided Tour of Computer Programming in BASIC by Thomas Dwyer and Michael Kaufman
Cr. Comput.	S	76	p71	a	Creative Programming Techniques
Microtek	Ag	76	p23	a	Introduction to Assembly Language Translation part 1 by Michael Wimble
Microtek	Ag	76	p39	a	Better Programming Through Flowcharting & Documentation by Steve Hughes, Joe Celke and Elizabeth Hughes
Microtek	Ag	76	p63	b	Microprocessor/Microprogramming Handbook by Bruce Ward
PCC	O	72	p10	a	Strings--A Miniprimer
PCC	F	73	p11	a	The Programmers Tool Box: Using Stacks by Marc LeBrun
PCC	Ap	73	p17	a	Interpreter vs Translator
PCC	Ap	73	p18	a	The Programmer's Toolbox: Logical Expression by Marc LeBrun
PCC	My	73	p22	a	The Programmers Toolbox: Pointers by Marc LeBrun
PCC	S	73	p17	a	The Programmers Toolbox: Methods for Compacting Data by Marc Le Brun
PCC	N	73	p14	a	The Programmers Toolbox: All About Addresses by Marc LeBrun
PCC	N	73	p19	a	Inside the Caves, Concept of Nodes by David Kaufman
PCC	Ja	74	p18	a	The Programmers Toolbox: Addressing Structures by Marc LeBrun
PCC	Ja	74	p21	a	Inside the Caves: Tree Subroutines by Dave Kaufman
PCC	Ja	75	p4	a	Basic Bomb Outs: Dealing with non-standard inputs to games
PCC	My	75	p20	a	The Mysterious and Unpredictable RND Part II by Bob Albrecht
PCC	S	75	p11	a	Witchy; Game demonstrating masking technique & randomizing sequence by Walter Wallis
PCC	S	75	p23	a	Assembly Language Programming: introduction to assemblers & editors by Bernard Greening

## PROGRAMMING &amp; SOFTWARE

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PCC	My	76	p20	a	Programmers Tool Box: Stacks by Marc LeBrun
PCC	My	76	p21	a	Logical Expressions
PCC	Jy	76	p36	a	The Programmers Tool Box: Pointers by Marc LeBrun
Pop. Elec.	D	75	p80	a	Programming Notes for the Altair 680 Microcomputer by H Edward Roberts and Paul Van Baalen
Pop. Elec.	Ap	76	p46	a	Introduction to Computer Codes by R T Robbins
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Radio Elec.	Jy	73	p23	a	Boolean Algebra by James Kennedy
Radio Elec.	N	73	p58	a	Understanding Computer Arithmetic by H Edwards Roberts
Radio Elec.	Mr	76	p20	a	Introduction to Software by Tim Barry
Radio Elec.	S	76	p22	a	Substitution: Software for Hardware by Peter Rony, John Titus & David Larsen
Radio Elec.	N	76	p24	a	Look at 8080 Arithmetic Logic Instructions by Tim Barry
SCCS Interf.	D	75	p11	a	1+1=10 by Jeff Landry
SCCS Interf.	D	75	p18	a	Games & Things by Mike Stern
SCCS Interf.	F	76	p34	a	More Basic Than Basic by Don Tarbell
SCCS Interf.	My	76	p12	l	Correction for: More Basic Than Basic (Feb'76 p34) by Roger Brown
SCCS Interf.	Ap	76	p29	a	Micro-Math by Bruce Scott
SCCS Interf.	My	76	p59	b	Machine Language Programming for the 8008 by Scelbi Computer
SCCS Interf.	Je	76	p28	a	Microcomputer Applications: Use of Interrupts by Terry Benson
SCCS Interf.	Jy	76	p38	a	Is a Microprocessor Microprogrammed by Patrick Stakem
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73	Ag	75	p111	a	Modern Non-Morse Codes by Eric Albrecht
73	My	76	p70	a	Computer Languages--Simplified by John Lehman
73	Je	76	p112	a	Number Systems--a brief history by John Isaacs
73	Je	76	p84	a	Two Finger Arithmetic--how computers figure by George Allen
73	Ag	76	p108	a	How Computer Arithmetic Works--do it yourself experiments by George Allen
73	O	76	p124	a	The Soft Art of Programming-- getting started with BASIC by Rich Didday
73	N	76	p140	a	The Soft Art of Programming part 2 by Rich Didday
73	D	76	p92	a	The Soft Art of Programming part 3 by Rich Didday
73	Ho1	76	p90	a	Backward Branch the Easy Way (6800) by Thomas Hunter
73	Ho1	76	p94	a	The Frumious Hexadecimal! Beware! - For 16 Fingered Folks by Allan Joffe
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Ham Radio	Ag	76	p74	a	How Does a Microcomputer Make a Decision? by Jonathon Titus
Modern Data	Ja	75	p49	a	Microcomputer Programming by Douglas Cassell
Comp. Notes	Jy	75	p7	a	Software: Condition Codes by Bill Gates
Comp. Notes	Ag	75	p7	a	Software hints for the 8080 by Bill Gates
Comp. Notes	S	75	p1	a	Software Notes: Tricks by Bill Gates
Comp. Notes	O	75	p12	a	Software Notes: Using the Stack by Bill Gates
Comp. Notes	N	75	p10	a	Introduction to Flow Charting by Thomas D Thomas
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Dr. Dobbs	S	76	p18	l	Scources for 8080 Floating Point Routines & A Structured Assembler ML80 by Darrel Van Buer
Interface Age	Book		p245		
Cr. Comput.	O	76	p87	a	8080 Binary Files with Optional Autostart by William Jordan
	N	76	p75	a	Heapsort
	Book	II	p233		by Geoffrey Chase
Byte	S	75	p50	a	Write Your Own ASSEMBLER
	Book		p246		by Dan Fylstra
Byte	O	75	p52	a	Add a Stack to Your 8008 by Hal Chamberlin
Byte	O	75	p64	a	A NOVAL Assembler for the 8008 Microprocessor by Peter Helmers
Byte	N	75	p64	a	Monitor 8 1/2 -- Your Own Pseudo Instructions by Willard Nico
Byte	F	76	p18	a	The "My Dear Aunt Sally" Algorithm (parser) by Robert Grappel
	Book		p286		
Byte	Ap	76	p74	l	Correction for: "My Dear Aunt Sally" (Feb'76 p20) by Tim Walsh
Byte	Je	76	p104	l	Correction for: Dear Aunt Sally Feb'76 p24 by Roger Fritz
Byte	F	76	p26	a	Processing Algebraic Expressions
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Byte	Ap	76	p56	a	Design an On Line Debugger
	Book		p268		by Robert Weir and James Brown
Byte	My	76	p74	a	Simplify Your Homemade Assembler
	Book		p255		by Gregory C Jewell

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Byte	Je	76	p48	a	Strike a Match (sorting) by Phillip Hansford
Byte	Ag	76	p76	1	Correction for: Match program listing (June '76 p49) by Phillip L Hansford
Byte	Jy	76	p64	a	A Plot is Incomplete Without Characters
	Book		p300		by Richard J Lerseeth
Byte	N	76	p90	1	Correction for: A Plot Incomplete Without Characters (July '76 p70)
Byte	Ag	76	p52	a	Jack and the Machine Talk (or the Making of an Assembler)
					by Robert Grappel and Jack Hemenway
Byte	S	76	p108	a	AMS80 Ver.2; AMSAT 8080 Standard Debug Monitor
					by Richard Allen and Joe Kasser
Byte	S	76	p124	m	Programming Quickies: 8 Bit Fractional Multiplication by Ira Chayut
Byte	O	76	p99	m	Programming Quickies: Program Lister 6800 by Noel J Thompson
Byte	D	76	p18	a	Software for Reading Bar Codes by Keith Regli
Byte	D	76	p58	a	Don't Waste Memory Space (One Way to Squeeze Fat Out of Text Strings)
					by Robert Baker
Dig. Design	Ag	75	p29	a	Multipurpose Processor Clocking by Jay Greenstein
Dr. Dobbs	Ja	76	p2	a	16 Bit Binary-to-Decimal Conversion Routine
	Book		p6		by Dennis Allison
Dr. Dobbs	Mr	76	p15	a	Parser Saves Pain
	Book		p70		by Harvey Hahn
Dr. Dobbs	Mr	76	p16	a	Keyboard Loader for Octal Code Via the TVT-2
	Book		p71		by Jack O Coats
Dr. Dobbs	Ag	76	p31	1	Errata for Coat's TVT-2 Keyboard Loader ( Mar '76)
	Book		p221		by Jack O Coats
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	Book		p72		by John Zeigler
Dr. Dobbs	S	76	p33	1	Errata to Zeigler's 6502 "Bug Program" March '76 DDJ
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	Book		p104		by Charlie Pack
Dr. Dobbs	Je	76	p8	a	Bootstrap for 8080
	Book		p156		by Li-Chen Wang
Dr. Dobbs	Je	76	p9	a	Byte Saving Programming Tricks for the 8080
	Book		p157		by Tom Pittman
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	Book		p191		
Dr. Dobbs	Ag	76	p16	1	8080 TECO and Floating Point Pack
	Book		p206		by William Severance
Dr. Dobbs	Ag	76	p17	a	Floating Point Routines for the 6502
	Book		p207		by Roy Rankin & Steve Wozniak
Dr. Dobbs	Ag	76	p20	a	Monitor for the 6502
	Book		p210		by Jack Bradshaw
Dr. Dobbs	S	76	p19	a	How to Make the 6800 Resident Assembler Work in Your System
	Book		p246		by Tom Pittman
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	Book		p249		by Steve Wozniak & Allen Baum
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	Book		p284		by Robert Wilcox
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	Book		p347		by Marcel Meier
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EDN	F 20	76	p53	a	How "Debug" Software Can Make a uP Bread Board Intelligent
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EDN	Ag20	76	p45	a	Software Development: Assembler by Bruce Gladstone
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Pop. Elec.	Ja	76 p88	a	Interrupts and Real Time by Jerry Ogdin
Pop. Elec.	D	76 p105	b	Machine Language Programming for 8008 & Similar up's by Scelbi
SCCS Interf.	Ja	76 p23	a	ASCII to Octal Machine Language Loader by Joe Hughes
SCCS Interf.	F	76 p33	a	Applications Exchange: 8080 Address Comparison Routine
SCCS Interf.	Mr	76 p45	l	Block Transfer Subroutine
SCCS Interf.	Mr	76 p45	l	Block Transfer Subroutine
SCCS Interf.	Ap	76 p10	a	Introdustion to uP Technology; Utility Programmes Available for 6800
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Dr. Dobbs	Mr	76 p8	a	Program Repository & Tape Duplication Facility
	Book	p63		
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	Book	p64		
Interface Age	Ag	76 p6	a	Applications Exchange (Schools, Biofeedback, Biorythms) by Larry Press
Cr. Comput.	N	75 p6	e	The Computer Threat to Society
	Book	I p66		by David Ahl
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	Book	I p72		
Cr. Comput.	N	75 p45	a	Putting Teeth Into Privacy Legislation
	Book	I p73		by Susan Hastings
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Comp. Notes	D	76 p10	a	Small Computer Networking -- Big Stuff by Bob Matthews

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	Book	II p40		by John Lees
Interface Age	S	76 p75	b	Building Your Own Working Robot by David Heiserman

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Byte	Mr	76 p88	l	Correction for:Serial Interface; Sept'75 p26 by Dr. George Haller
Byte	F	76 p32	a	Data Paths (data transmission)
	Book	p117		by Gary Liming
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	Book	p136		by Dr George Haller
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Byte	Ag	76 p96	a	Interfacing the 60mA Current Loop
	Book	p175		by Walter S King

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EDN	Ap20	76	p40	a	Binary Serial Interface Making the Connection by Fred Etchevery
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Elec. Des.	0 11	75	p82	a	Build High-Speed Sync-Pattern Detectors for Digital Communications by Brady Warner
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PCC	Ja	75	p12	a	Hardware Isn't Hard: Description of UARTs by Lee Felsenstein
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73	0	76	p96	a	RTTY/uP Flexibility--Baudot/ASCII serial/parallel I/O by Jeff Roloff
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Dr. Dobbs	My	76	p4	a	1976 Trenton Computer Festival
	Book		p121		by Sol Libes
Dr. Dobbs	Ag	76	p3	e	Personal Computing '76 Looks Like It's Going to be a GREAT Show
	Book		p193		by Jim C Warren
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	Book	I	p241		by Jay Martin Anderson
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	Book		p92		by Lloyd Rice
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 Cr. Comput. N 76 p33 a A Retail Computer Store? You Gotta Be Kidding!!  
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## SYSTEMS, LARGE

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Elec. Des.	O 25	75 p86	a	Focus on CRT Terminals
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Interface Age	O	76 p12	a	Exclusive: National's New Portable Terminal (SC/MP)
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				by Lee Felsenstein
PCC	My	76 p34	a	Home TV to Double as Terminal, Information and Game Center
				by Jules Gilder
Pop. Elec.	N	74 p78	a	Computer Terminals are Coming by Leslie Solomon
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Radio Elec.	Ja	76 p29	a	Build This Pocket Data Terminal by Charles Edwards
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73	Mr	76 p76	a	Build This Exciting New TVT by Louis Hutton
73	S	76 p116	a	Simple Graphics Terminal--using inexpensive surplus equipment
				by C L Robertson and Steve Ciarcia
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				by Jeff Roloff
Modern Data	F	76 p44	a	Alphanumeric Display Terminals (Overview) Part I by Barbara Reynolds
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IEEE Computer	O	75 p53	a	uPs in CRT Terminal Applications, Hardware & Software Tradeoffs
				by Michael Gray
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				by Jacques Raymond & D K Banerji

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Byte	D	75 p20	a	Logic Probes-- Hardware Bug Chasers
	Book	p213		by Alex Burr
Byte	Ap	76 p74	l	Correction for: Logic Probes Hardware Bug Chasers (Dec '75 p24)
Byte	D	75 p26	a	Powerless IC Test Clip
	Book	p104		by John Errico and Robert Baker
Byte	F	76 p58	a	Build a TTL Pulse Catcher
	Book	p124		by William Walde

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Byte	My	76	p50	a	Build a Serial ASCII Word Generator by Ronald J Finger
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Electronics	S 4	75	p118	a	Low-Priced Logic Probe Indicates Levels With Tones by T Kelly Butler
Electronics	Ap15	76	p116	a	Designers Needs are Getting Help (overview of debuggers)
EDN	Ag20	75	p51	a	Basic uP Test Tool: The Portable Debugger by Jim Barnes and Verne Gregory
Elec. Des.	Mr15	75	p100	a	Convert Your Pocket Calculator into a Programmable Counter by George Alexandrovich
Elec. Design	Jy19	76	p80	a	Bringing Up Your uP (HP Logic Analyzer) by W A Farnbach
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73	Ja	76	p70	a	Build This Digital Capacity Meter by I M Chladek
73	Ja	76	p130	a	A \$50 Self-Powered Counter by Jim Huffman
73	S	76	p108	a	Eight Trace Scope Adaptor by Robert Johnson
73	Ho1	76	p92	a	Superprobe - Modern Replacement for the Scope by C Warren Andreasen
Ham Radio	S	76	p66	a	Interfacing a Digital Multimeter with an 8080 Based uComputer by David Larsen
Comp. Notes	N	75	p14	a	Powerless IC Test Clip by John Errico & Robert Baker

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	Book		p4		by W Tagg
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Comp. Notes	D	76	p10	a	Small Computer Networking -- Big Stuff by Bob Matthews

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Byte	O	75	p20	a	Television Interface by Don Lancaster
Byte	F	76	p62	a	TV Color Graphics by Don Lancaster
Byte	Mr	76	p88	l	Correction for: Color Graphics; Feb'76 p67
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	Book		p198		by Don R Walters
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	Book		p138		by C W Gantt Jr.
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	Book		p144		by Ken Barbier
Byte	Ag	76	p66	a	Build a TV Readout Device for Your Microprocessor
	Book		p145		by Dr Robert Suding
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Byte	N	76	p106	a	Build This Video Display Terminal by Alfred I Anderson
Byte	D	76	p36	a	Product Review: Processor Technology VDM-1 by D Anderson
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Dr. Dobbs	F	76	p34	l	TBX Mods for a SWTP TVT-2
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	Book		p177		by David O Valliere
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73	Mr	76 p76	a	Build This Exciting New TVT by Louis Hutton
73	Jy	76 p118	a	A RTTY/Computer Display Unit -- Baudot, ASCII, TTL, RS232 etc., etc. by Jeff Roloff

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 Herman, Ronald T - Prog Fund.  
 Hernandez, Arnaldo - I/O, Standards  
 Hershkowitz, Sandra J - Education  
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 Hickey, W A - Amateur Radio  
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 Hobbs, L C - Mem: Tape  
 Hockney, George - BASIC, Prog Fund.  
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 Hogenson, James - Clock, Construction, Graphics,  
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 Homer, Eugene D - Education  
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 Horn, Bruce - Simulation  
 Hosking, W J - Amateur Radio  
 Housey, Larry - uP Fund  
 Howard, David - Education  
 Howells, David - Code Conv.  
 Howerton, Charles P - Other uC's, 8080 uP  
 Huffman, Jim - Power Supply, Utility Prog,  
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 Hughes, Elizabeth - Prog Fund.  
 Hughes, Joe - Utility Prog  
 Hughes, Phil - Utility Prog  
 Hughes, Steve - Prog Fund.  
 Huins, A L - Digital  
 Hume, Shep - Mem: RAM  
 Hunter, Thomas - Prog Fund.  
 Huntington, Ron - I/O, 6800 uP  
 Huntress, Bradford - Application Prog.  
 Hutton, Louis - Amateur Radio, Code Conv., uC Gen.,  
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Inman, Kent - Education, Computer Game  
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 Isaacs, John - # Base Conv., Math, Prog Fund.  
 Ishmael, D W - Amateur Radio, Mem: PROM  
 Iverson, Jean - APL

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 Janowiak, Kenneth - Computer Game  
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 Jelinek, H J - uP General  
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 Johnson, Pamela - Computer Game  
 Johnson, Robert - Mem: RAM, Test Equip

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 Jones, R S - Other uC's, Shows  
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 Jung, Walter - Digital, Displays, gen

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 Kahaner, Larry - Analog, Clock, Digital  
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 Kelly, Steve - Analog  
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 Kennedy, James - Math, Prog Fund.  
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 Lancaster, Don - Calculators, Code Conv., Digital,  
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 Power Supply, Serial I/O, Terminals,  
 Test Equip, Video Displ.  
 Lander, George - Mem: RAM  
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 Lipkin, Efrem - Public Access  
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 Lyman, Jerry - Construction, Power Supply  
 Lynch, Frank - PACE uP  
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 Lyon, Gwyn - Computer Game

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 McWilliams, F Barry - Amateur Radio  
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## Radio Electronics

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## SCCS Interface

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## 73 Amatuer Radio

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