

**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*  
*Page*  
*Volume*

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  
 Creative Computing  
 Dr. Dobbs

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 Best of Creative Computing Vol I & II  
 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 76 p6 e Machine Readable Programs in Magazine Format (Byte)
- Book p303

## BIORYTHMS

- Byte Ap 76 p20 a Biorythm for Computer  
Book p322 by Joy and Richard Fox
- 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
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Cr. Comput.	Ja	75	p32	a	Digital Calculators--Then and Now
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	Book	II	p88		by Deedee Pendleton
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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
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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
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Pop. Elec.	My	76	p29	a	Here Are the New Programmable Calculators by Forrest Mims
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Pop. Elec.	Ag	76	p6	l	Build Scientific Calculator correction May '76

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Radio Elec.	Jy	74	p38	a	How Calculator IC's Work by Don Lancaster
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## CALCULATOR PROGRAMS

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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
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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
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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	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



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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

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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
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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
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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
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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
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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
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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
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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
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73	Ho1	76	p94	a	The Frumious Hexadecimal! Beware! - For 16 Fingered Folks by Allan Joffe
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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
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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
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					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
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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
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Elec. Des.	Ja4	75	p118	a	Circuit Eliminates Switch Bounce in Keyboards and Gives Latched Output by James de Haan
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PCC Mr	75	p3	a	Chip Talk: Introductory description of semiconductors and ICs by Lee Felsenstein
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73	Ag	76	p24	a How Do You Use ICs?--fundamentals by Alexander MacLean
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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
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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
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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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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
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	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
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Interface Age	N	76	p118	a	Expanded BlackJack in Basic by Ed Keith
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	Book	I	p166		by Water Koetke
Cr. Comput.	N	74	p18	a	Depth Charge
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Cr. Comput.	Mr	75	p23	a	Rabbit Chase
	Book	I	p270		by Ted C Park
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	Book	I	p239		by Barney Milstein
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	Book	I	p268		by John Yegge
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	Book	I	p140		by Trish Todd
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Cr. Comput.	My	75	p26	a	LUNAR
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Cr. Comput.	My	75	p32	a	Seawar
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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
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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		
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	Book	I	p258		



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- Cr. Comput. Ja 76 p22 a Beating the Game  
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- Cr. Comput. Ja 76 p72 a Concentration  
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- Cr. Comput. Mr 76 p72 a Bob-Stones  
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- Cr. Comput. N 76 p86 a LEM  
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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
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- PCC Ap 73 p22 a Hurkle...Grid Guessing Game

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PCC	S	73	p6	a	Taxman, Number Game Using Lists and Factors
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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
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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
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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
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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
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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	†	Correctuion for: Word Search Puzzle Geneator (July'76) by Pamela Johnson
SCCS Interf.	D	76	p44	a	WARI by Tom Rugg and Phil Feldman
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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
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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 Scourse (parts availability etc.) by R D Boudinot PhD
Byte	Jy	76	p4	e	The Trend Toward Hassle Free Products by Carl Helmers
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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
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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

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Cr. Comput.	Mr	75	p24	a	The Quality of Life by Milt Stone
Cr. Comput.	Mr	75	p40	a	Profile of an Industry
	Book	I	p44		
Cr. Comput.	S	75	p41	a	How to Cope With Your Computer
	Book	I	p8		by Susan Most
Cr. Comput.	N	75	p30	a	Computer Abuse..The Need for a Rational Perspective
	Book	I	p91		by David Snyder
Cr. Comput.	N	75	p47	a	Record Keeping in the Space Age
	Book	I	p75		by Robert Henderson
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	Book	I	p81		by Alan Westin
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73	N	75	p63	a	Build a Deluxe TTY Keyboard Conclusion by Bob Hart
73	Ja	76	p212	a	Using a Bargain Surplus Keyboard by Cole Ellsworth
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	Book		p316		by Bob Van Valzah
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	Book		I p64		by C Terrence Ireland and Norman Glick
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	Book		p245		by Robert Miles



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	Book		p261		by F J Greeb
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73	O	76	p128	a	BASIC? What's That?--the basics of BASIC by Gabriel F Gargiulo
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Comp. Notes	Ap	75	p1	a	Altair BASIC Up & Running
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	Book		p5		by Dennis Allison
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	Book		p14		by John Ribble
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	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
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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
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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 Karnaug 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

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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

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## " 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

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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
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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 Buffer by Don Lancaster
Byte	Ag	76	p76	l	Correction for: Build the Bit Buffer (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
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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
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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 Recorder) by Tom Durston
Comp. Notes	N	75	p24	a	Tape Recorder Motor Control

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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 & Peripherals Product Showcase  
 Elec. Des. S 27 75 p72 a Design Your Own Microcomputer by Using Bipolar LSI Slices (6701)  
 by David Wyland  
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 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)  
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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
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Electronics	F 6	75	p114	a	Increasing an Instruction Set Without Increasing Word Length by C W Moser
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Electronics	S 30	76	p100	a	Hints for Beginners in Microprocessors (8008) by Alan Bloch
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EDN	N 20	76	p147	a	Connecting Internal and External Registers Requires Good Timing Ch.2
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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
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SCCS Interf.	Ap	76	p10	a	Introdustion to uP Technology; Utility Programmes Available for 6800
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SCCS Interf.	Jy	76	p32	a	Designing Logic Circuits, Boolean Algebra by Bruce Scott
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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
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Ham Radio	Ag	76	p74	a	How Does a Microcomputer Make a Decision? by Jonathon Titus
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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
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Dig. Design	D	75	p29	a	Product Guide: Mini Computers
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EDN	N 20	75	p65	a	uC Systems Directory: Where have all the uPs Gone? by Robert Grossman
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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
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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
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Interface Age	Ag	76	p28	a	A New Pony: The Altair 8800B by Andrea Lewis
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Cr. Comput.	Ja	76	p13	a	Building a MITS Altair 8800 *First Impressions*
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PCC	Ja	75	p2	a	Announcements of Micros--8008 and 8080 Based Systems & the Altair 8800
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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
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					by Rich Haber & Bruce Fowler
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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
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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
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SCCS Interf.	My	76	p38	a	The IMSAI 8080 (composite of experiences) by Daryll Shatz
Dr. Dobbs	Je	76	p7	a	A Novice Constructs an IMSAI; an Attorney Builds His First Computer
	Book		p155		by SA Cochran
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	Book		p244		by Pete Cornell
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	Book		p273		by Pierre duPont V

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 Book p311 by Glenn Tenney  
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 Radio Elec. D 74 p22 1 Mark-8 Letters  
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EDN	S 20	75	p53	a	uP Clock Generators -- Buy or Build? by Stanley Brannan
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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
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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
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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 by John Zeigler
Dr. Dobbs	S	76	p33	l	Errata to Zeigler's 6502 "Bug Program" March '76 DDJ
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Electronics	Mr18	76	p106	c	Dual 555 Timer Restarts uP (6800) by James Bainter
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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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SCCS Interf.	My	76	p14	a	The War of the Processors IMP16 8080 Z80 6800 6502 ... by Adam Osborne
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Pop. Elec.	N	75	p33	a	The First Motorola/AMI "6800" MPU Computer Project (Altair 680) by H Edward Roberts and Paul Van Baalen

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Electronics	S 30	76	p100	a	Hints for Beginners in Microprocessors (8008) by Alan Bloch
EDN	Ja20	74	p48	a	Understand the 8-bit uP: You'll see a lot of it (8008) by Robert Cushman
Elec. Des.	N 22	74	p202	a	Improve Interrupt-Handling Capability of uP with a few ICs (8008) by Tom Pittman
PCC	Ja	75	p2	a	Announcements of Micros--8008 and 8080 Based Systems & the Altair 8800
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PCC	Ja	75	p2	a	Announcements of Micros--8008 and 8080 Based Systems & the Altair 8800
Pop. Elec.	Ap	76	p106	b	Microcomputer System Design & Hardware for 8008/8080 by Donald Martin
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Elec. Des.	Ap26	75	p88	a	Two-Phase Clock Generator and Driver Synchronize the 8080 uP by Gunders Osvalds
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Book			p226		by Carl Helmers
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73	D	76	p92	a	The Soft Art of Programming part 3 by Rich Didday
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	Book		p63		
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Byte	Mr	76	p88	l	Correction for:Serial Interface; Sept'75 p26 by Dr. George Haller
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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
Electronics	D 26	74	p96	a	Low Speed Counter Uses Low Priced Calculator Chip by Dennis Flora
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
Elec. Design	S 1	76	p82	a	Design a uP Analyzer by Larry Bruni
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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
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## TIMESHARING

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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

## VIDEO DISPLAYS

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Byte	F	76	p62	a	TV Color Graphics by Don Lancaster
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	Book		p138		by C W Gantt Jr.
Byte	Jy	76	p38	a	The "Ignorance is Bliss" Television Drive Circuit
	Book		p144		by Ken Barbier
Byte	Ag	76	p66	a	Build a TV Readout Device for Your Microprocessor
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EDN	Mr5	75	p65	a	Guidelines for Point Plotting on CRT's with Mini and Microcomputers by Aaron Fishman
PCC	My	76	p34	a	Home TV to Double as Terminal, Information and Game Center by Jules Gilder



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Pop. Elec.	F	76 p31	a	(Build the TV DAZZLER by Terry Walker, Roger Melen, Harry Garland and Ed Hall
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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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Byte	D	76 p62	a	Do It Yourself Weather Predictions by Michael Firth
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 Kuo, Clinton - Mem: RAM  
 Kuzmack, Richard - Experience, Altair uC

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 Lancaster, Don - Calculators, Code Conv., Digital,  
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 Lander, George - Mem: RAM  
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 Lynch, Frank - PACE uP  
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 Michelson, Richard - Computer Game  
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