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C. W. Jensen

June 1, 1975

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This Microcomputer Publications Reference List is a first attempt to document the title, author and source of various articles that are published in magazines or written and distributed in-house.

The report will be updated and distributed periodically.

If you know of articles concerning the general subject of Microcomputers that are not included on the list, please send a copy of the article, or the title, author, source and date to me at mail-stop L-121. I'll include your reference in the next distribution.

ARTICLES	AUTHOR	SOURCE	DATE
Microcomputers Throw the Industry Off Balance	--	Business Week	Mar. 1974
The Classroom Microcomputer	Dean Brown/ Phyllis Cole	Computer Decisions	Feb. 1975
Performance and Control of Multiple Microprocessor Systems	George Reyling, Jr.	Computer Design	Mar. 1974
Monolithic Processors	Herman Schmid	Computer Design	Oct. 1974
A Guide to Using LSI Microprocessors	Raymond Schultz	Computer Systems	June 1973
Forum: It's GO for Microprocessors	Jerry Metzger	Computer Systems	Nov. 1973
Microprocessor: Candidate for Distributed Computing Control	S. J. Bailey	Control Engineer.	Mar. 1974
L Series Do-It-Yourself LSI Mini-Computer	--	Control Logic, Inc.	1973
Practical Microcomputers - The "Do-It-Yourself" Minicomputer	Douglas A. Cassell	Control Logic, Inc.	-
Mini-computers A-STATE-OF-THE-ART Survey	Lewis Linton	Digital Design	Sep. 1972
Microprocessors Unmasked	Steven Rudnick	Digital Design	June 1974
Microcomputers--Revolution or Evolution	Helmut Wolf	Digital Design	June 1974
"Microprocessor" Ups Data Comm Reliability	--	Digital Design	July 1974
Microcomputer Tests Sequential Logic Networks		Digital Design	Aug. 1974
Microprocessor Spins-Off Torque Monitor	--	Digital Design	Oct. 1974
Printers: A Variety of Designs Satisfy A Multitude of Needs	--	Digital Design	Dec. 1974
CCD's Microprocessors Digitize Communications	George King	Digital Design	Feb. 1975
Bipolar Microcomputer Executes in 300 ns	--	Digital Design	Feb. 1975
16-Bit Microprocessor Housed on One Chip	--	Digital Design	Feb. 1975
I/O Options Increase Micro's Throughput	--	Digital Design	Feb. 1975
Microprocessor System Design	David Callan	Digital Design	Feb. 1975

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The Programmable Logic Array: A New Approach to Microprogramming	Ken Gorman	EDN	Nov. 1973
Understanding the Microprocessor is No Trivial Task	Robert Cushman	EDN	Nov. 1973
Microprocessors are Changing Your Future: Are you prepared?	Robert Cushman	EDN	Nov. 1973
Understand the 8-Bit μ P; You'll See a Lot of It	Robert Cushman	EDN	Jan. 1974
Don't Overlook the 4-Bit μ P; They're Here and They're Cheap	Robert Cushman	EDN	Feb. 1974
Need a Low-Cost, Versatile Custom Test System? Use a Microprocessor	Ray Tourangeau	EDN	Feb. 1974
What Can You Do With A Microprocessor	Robert Cushman	EDN	Mar. 1974
Survey of Microprocessors Reveals Limitless Variety	Jerry Ogdin	EDN	Apr. 1974
The Intel 8080-First of the Second Generation Microprocessors	Robert Cushman	EDN	May 1974
Microprocessors Are Rapidly Gaining on Minicomputers	Robert Cushman	EDN	May 1974
Microprocessors: What Will the Future Bring?	Jerry Neth	EDN	Nov. 1974
User Microprogram Development for an LSI Processor	Alan Weissbeiger	EDN	Dec. 1974
Newest μ P's Split Into Two Divergent Paths	Robert Cushman	EDN	Dec. 1974
Able to Leap μ P's in a Single Bound-The ABDAT Processor	Arnis Butulis/ Dan Torbeck	EDN	Feb. 1975
Microcomputers: The Next Step in Small Computer Systems	Michael Ford	EE Systems Eng. Today	Jan. 1974
How to Build a Microcomputer	Donald Lewis	Electronic Design	Sep. 1973
Microprocessor or Random Logic	Donald Lewis	Electronic Design	Sep. 1973
Software for MOS/LSI Microprocessors	C. Dennis Weiss	Electronic Design	Apr. 1974
Special Report on Semiconductor Memories	--	Electronic Purch.	Oct. 1974
An Electronic Purchasing Staff Report	--	Electronic Purch.	Oct. 1974
Standard Parts and Custom Design Merge in Four-Chip Processor Kit	Fred Faggin	Electronics	Apr. 1972

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Microcomputers Muscle In	George Sideris	Electronics	Mar. 1973
Single-Chip Microprocessors Open Up A New World of Applications	Laurence Altman	Electronics	Apr. 1974
High Level Language Simplifies Microcomputer Programming	Gary A. Kildall	Electronics	June 1974
Fast 8-Bit Microprocessor is Versatile	Lawrence Altman	Electronics	June 1974
Using High-Speed Logic for Micro- processors	Robert Jaeger	Electronics	Feb. 1975
I ² L Blazes New Bipolar Path	Richard Horton	Electronics	Feb. 1975
Microprocessor Chip Set Reduces Parts Count	David Chung	Electronics	Mar. 1975
Microcomputer Software Makes Its Debut	Howard Falk	IEEE Spectrum	Oct. 1974
Small Size, Big Effect	Howard Raphael	Industrial Res.	Mar. 1975
Microcomputers in Instrumentation and Control	Walter G. Rudd	Instruments and Control Systems	Apr. 1974
8008 8-Bit Parallel Central Processor Unit	--	Intel	Nov. 1972
A Guide to PL/M Programming the 8008	--	Intel	July 1973
Microcomputer News	--	Intel	Mar. 1974
MAC 80 Reference Specification 8080 Macro-Assembler	--	Intel	Mar. 1974
8080 Simulator Software Package	--	Intel	Apr. 1974
Programming Manual for the 8080 Microcomputer System, Vol. 1 & Vol. 2	--	Intel	May 1974
A Guide to PL/M Programming the 8008	--	Intel	June 1974
From CPU to Software	Bill Davidow	Intel	1974
New Logic Notebook	--	Microcomputer Technique, Inc.	Sep. 1974
"What Do They Do?"	--	National Anthem	June 1974
"Where Do They Fit?"	--		
"How Do I Use Them?"	--		
Computers: First the Maxi, Then the Mini, Now It's the Micro	--	Science	Dec. 1974

<u>LLL DOCUMENTS</u>	<u>AUTHOR</u>	<u>DOCUMENT NUMBER</u>
MCS-8 Microcomputer System Eight-Bit Central Processor	R. A. Goodman/ C. W. Jensen	LED73-9031-02
MCS-8 Microcomputer System Eight-Bit Input/Output Control Module	R. A. Goodman/ C. W. Jensen	LED73-9031-03
MCS-8 Microcomputer System Eight-Bit Memory Address Storage	R. A. Goodman/ C. W. Jensen/J. Spann	LED73-9031-04
MCS-8 Microcomputer System Eight-Bit 512 Word PROM	R. A. Goodman/ C. W. Jensen	LED73-9031-05
MCS-8 Microcomputer System Eight-Bit 256 Word RAM	R. A. Goodman/ C. W. Jensen	LED73-9031-06
MCS-8 Microcomputer System Eight-Bit 1000 Word RAM	R. A. Goodman/ C. W. Jensen	LED73-9031-07
MCS-8 Microcomputer System Universal Asynchronous Receiver/Trans.	R. A. Goodman/ C. W. Jensen	LED73-9031-08
Some Not So Common Ways of Using MCS-8 Instructions	E. Fisher	LEN 22269
Adapting a Mini-Computer Programming System	R. L. Peterson	LER72-1030-01
Generating a Programmer Tape for the Intel MP7-02/SIM4 Programming	R. Casterson	LER72-1030-02A
Octal Debugging Program (ODT) for MCS-8 Computer	E. Fisher	LER72-1034-02
Simulator Program for the Intel MCS-8 8008 CPU	W. Magnuson, Jr.	LER72-1034-03
A stores Stock Microcomputer System	E. Fisher, et al	LER73-1023-01
The MAG MCS-8 Processor--A Bus Oriented Microcomputer	R. T. Bradley	LER73-1040-01
Procedures for Checking Out the Basic MCS-8 Microcomputer	C. W. Jensen	LER74-1006-01
Number System Cross-Reference Guide	C. W. Jensen/ M. Ball	LER74-1006-02
Understanding RAM and ODT Operation in The MCS-8 Microcomputer	C. W. Jensen	LER74-1006-03
MCS-8 Microcomputer System Partial Glossary of Terms	C. W. Jensen	LER74-1006-05
Response of TTY to MCS-8 Numbers	C. Sewall, Jr.	LER74-1006-06

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Microcomputer Publications Reference List	C. W. Jensen	LER74-1006-07
LIL8/V2: A List Interpretive Language for the MCS-8 Microcomputer	S. Bourret	LER74-1009-01
PROM Programmer Users Manual	P. R. McGoldrick	M-046
A System Approach for Processor Implementation	E. R. Fisher	UCRL-75671
Octal Debugging Program (DT-80) for the MCS-80 Computer	E. R. Fisher	UCRL-51694
The Off-the-Shelf, User-Designer Approach to Microcomputers: Its Application in Major Research Laboratories	H. Olken	UCRL-75700

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