



Z-100 LifeLine Index of Magazine & Periodical Articles

Good news! The *Z-100 LifeLine* Index is current **through January 2025, Issue #141**. The Index now covers all *Z-100 LifeLine*, later *REMark* Magazine, all 40 issues of *Sextant* Magazine, and the 159 issues of the *BUSS* Newsletter.

Copies of articles from all periodicals are available by mail or Email at \$0.25 per page. Make checks payable to Steven W. Vagts.

Notes:

- This is not a complete index to the periodicals listed, but rather an index to material that may be relevant to the Z-100 series computer, including hardware, software, and topics of general interest. Therefore, this Index does not generally include computers earlier than the Heath/Zenith -88 (H-8), nor computers later than the Heath/Zenith-150/160 (Z-100PC) computers. I included the H/Z-88-90 series because much of that software could be run on the Z-100. I also included the H/Z-100PC computers because much of that software could also be run on the Z-100, either in the 'Native' Mode or in the 'PC' mode using a PC emulator. Computers after that series were nearly completely PC-clones with little in common with the computers of interest, so they were omitted. Also not of interest to our needs, Amateur Radio, Bulletin Board, 'Hero' Robot, and other similar topics were not included. Sorry. As you will see, the Index presented here is already HUGE!
- **Please note:** MS-DOS for the Z-100 in native mode is now referred to as Z-DOS, but should NOT be confused with the original ZDOS v1.0 for the Z-100. MS-DOS for the Z-150 PC and the Z-100's PC emulator software is now called PC-DOS.
- As I mentioned, the indexes for the four main Z-100 Periodicals have been combined. A code letter precedes each issue number: "L" is "*Z-100 LifeLine*", "S" is "*Sextant*" Magazine, "R" is "*REMark*" magazine, and "B" is for the "*BUSS Newsletter*". I also added a decimal and page number to "*BUSS*" articles for easier reference.
- **Z-100 LifeLine Note:** Paul Herman, the initial editor of the *Z-100 LifeLine*, also had a Customer Newsletter during the same period that I kept with the LifeLines. These covered a few important subjects not covered elsewhere, so I have included these in the index as "CN" for 'Customer Newsletter'.
- **Z-100 LifeLine Website Articles:** Many articles placed on the Website are updated from previous LifeLine articles. I have now included these articles in the index as "WEB".
- **REMark Note:** Starting with "*REMark*", January 1984, Issue #'s changed to Volume numbers, and each new year started a new Volume with Issue #1! However, in February 1984, part numbers were listed on the cover and the last three digits were the actual Issue #. The issue numbers reappeared on the covers in April 1985, now using both number systems. Later, Issue numbers again disappeared occasionally. Therefore, to avoid confusion, I suggest you add the issue number to the cover of each issue that did not provide an Issue #.
- I can provide copies of all the articles mentioned here, so if there is something you need, please email me at *Z-100 LifeLine*, Email: z100lifeline@swvagts.com

Z-100 LifeLine Index of Magazine & Periodical Articles

Keyword:	Issue#:	Article:
Ability	R83	"LeadEdge", W. Adney, WP, Spreadsheet, DBase Apps
ACCESS	R67	"Look at Software"; ACCESS by Hilgraeve - W. Adney
ACCESS	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
ACCESS	S14	Ltr- Add'l comments regarding ACCESS
ACCESS	S17	"Z-100NB" by Alison Phillips, ACCESS, DOS comms
Addition	R49	"...Computer Can't Add", D. Pelowitz, binary numbers
ADDR Labels	R42	"Addressing Envelopes/Labels", C. Romer, BASIC pgm
Address Sort	S3	"The World's Fastest Sort?" by Rick Lutowski
Address Sort	S4	Ltrs provide add'l info on Fastest Sort
ADVENTURE	B68.3	Toolworks' ADVENTURE Colossal Cave enhancements
ADVENTURE	L64	"ADVENTURE Nostalgia, Curios, & HELP!" by Hank Lotz
ADVENTURE	R04	"Welcome to ADVENTURE" - J.G. Letwin, Crowther, Woods
AIRLIFT	R95	"Z-100 Shoot'um Up"; Games - M. Elwood
Algorithm	R46	"What's an Algorithm"; MBASIC - J. McGraw
Alps Allegro	R132	"Alps Allegro Ptr Series"; 24pin Dot Matrix - T. Bing
ALTCHAR.SYS	R72	"Anatomy of ALTCHAR.SYS", Z100 Char Set - S. Howard
ALTCHAR.SYS	S15	"Teach Your Z-100 Greek"; Char Fonts - Alan Moffet
Alt CharSet	L105	"H/Z-100 Alternate Character Sets"
ALTCHR Util	B62.6	ALTCHR Util Modifies Z-100 Chars; ZDOS w/ZBASIC code
ALTCHR Util	B73.8	Two New Z100 CharSets, Legal & Greek - Software Wizardry
AMCALL/MCALL-II	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
Angel Prt Buffr	R50	"Using Angel Print Buffer"; from Ligo - W. Adney
ANSI	R65	"ANSI, Std Screen Interface..."; H/Z Comps - G. Roberts
ANSI	R96	"LeadEdge"; ANSI device driver on Z-100 - W. Adney
ANSI 'C'	R110	"ANSI GrafX Header File..."; C, Z-100 & PC - S. Jacob
ANSI Copy	L12	Q&A: I cannot copy ANSI.TMI? DOS sees ANSI special
ANSI Patch	R74	PPage; Patch add'l char w/Z-100PC DOS - Pat Swayne
ANSI Patch	R92	Ltr- Prob w/ANSI Patch; remapping inop - R. Brannock
ANSICON.DVD	L4	"Running InfoCom Games on Z-100" by R. Biggerstaff
ANSI.SYS	R132	"PowerUp"; Using ANSI.SYS - W. Adney
ANSI.SYS	S38	"Control Screen Colors on '150" by Sidney Hack
APL*Plus PC	B107.5	New Utils for Use w/APL*Plus PC Systems - STSC, Inc.
Appendix I	L79	Insert: "Z-100 User's Manual", User Configurations
Appendix I Upd	WEB	"Configuring the Z-100, Appendix I"
Appendix N	L81,82	Insert: "Z-100 User's Manual", Disassembly Procedure
APPLY Utility	S26	"Z-100NB"; DOS' APPLY utility - William Locke
Arcade Games	B105.3	'Apples & Floors' Arcade-style Z-100 Game - Jerry Phelps
ArtificialIntel	S3	"Experiment w/Artificial Intel..." by John Mays
ASCII	R87	"ASCII...", K. Mortimer, History and use of ASCII:
ASCII	R95	American Standard Code for Information Interchange
ASCII Chart	L104	"ASCII..."; Extended Char Set and Use - K. Mortimer
ASCII Chart	WEB	Insert: "DEC-OCT-HEX-BIN & ASCII/GrafX Chart"
ASCII Extended	S40	"DEC-OCT-HEX-BIN & ASCII/GrafX Chart"
ASCII->MultiPln	R54	"Implementing Symbols for Math..." by Paul Heckert
ASCII->Query!3	R95	"...Transfer ASCII Files Into MultiPlan" by K. Simmons
ASGNPART	R112	"MBASIC Util Converts ASCII for Query!3" by K. Thompson
ASM CHARTRAN	L40	BugZap, Pg 63, DOS2 ASGNPART won't assign drive D:
ASM COLOR	R64	Insert: "How to Handle Files in Assembler" by T. Klein
ASM Course	R12	"COLOR, ScnColor Setup..."; ASM, Z-100 - G. Roberts
ASM CP/M	R38	"Type My Name 10 Times"; Heath ASM Course - Pat Swayne
ASM CP/M85 Pgm	R45	"ASM For the Novice" by R. Martin
ASM CRTSAVER	R54	"ASM in CP/M-85 with Z-100..." by D.C. Shoemaker
ASM CRTSAVER	R57	"Advanced ASM, Z-DOS TSR Pgm" by F. Clark
ASM DIAL	R69	Ltr- Update on CRTSAVER - J. Lockett
ASM Files	L40	"Computer Aided Dialing..."; Z-100 - R. Hirsch
ASM Flags	R130	Insert: "How to Handle Files in Assembler" by T. Klein
ASM Hex Output	R14	"Flags: A Tutorial"; Flag Reg, MASM - G. Hoellerich
ASM MBASIC	R64	"Hex Output for ASM"; HDOS ASM - C. Floto
ASM MBASIC	R69	"ASM Routines in MBASIC"; CP/M, Z-89 - R. Wrathall
ASM MOVCHR	R08	"Load ASM Routines in MBASIC"; CP/M, Z-89 - M. Zapolski
ASM Pgm	R11	"MOVCHR" ASM routine, Pg32
ASM Pgm	R115	"Do Your Own Thing"; Console I/O, HDOS, ASM - P. Swayne
ASM Pgm	R118,120	"Recycle 8086/88 ASM Code"; Procedures - G. Hoellerich
ASM Pgm	R121,122	"Get Start w/ASM 1&2", Series by Patrick Swayne
ASM Pgm	R124,126	"Get Start w/ASM 3&4", Flags, & Instruction Set 1 & 2
ASM Pgm	R127	"Get Start w/ASM 5&6", Instruction Set 3&4
ASM Pgm	R128	"Get Start w/ASM 7", Intro to I/O
ASM Pgm	R128	"Get Start w/ASM 8", More ways to say 'Hello'

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Keyword:	Issue#:	Article:
ASM Pgmg	R132	"Get Start w/ASM 9", Inputting from the keyboard
ASM Pgmg	R139	"Get Start w/ASM 10", Disk I/O, XFER copy pgm, STRIP
ASM Pgmg	S5	"Intro to CP/M for ASM Programmers" by J.C. Hassall
ASM Pgmg	--	Writing your own Print Spooler, see Print Spooler
ASM Pgmg	S8	"Getting into Z-DOS ASM..." by D.C. Shoemaker
ASM Pgmg	--	Screen Dump HDOS assembly program, see Screen Dump
ASM Pgmg	S17	"OFFLIN: Exercise in Z-100 ASM..." by William Hall
ASM Pgmg	S18	Ltr- Go OFFLIN with PASCAL easier
ASM Pgmg	S22	"Z-100NB"; ASM, 10 sec timer - William Locke
ASM Pgmg	S28	"Set Epson Printer Functions..." by Richard Mueller
ASM Pgmg	S39	"Help '150 Recall Screen Display" by Sidney Hack
ASM ZBAS	L72	"Calling ASM Routines from ZBASIC"
ASM ZBAS	WEB	"Calling ASM Routines from ZBASIC"
ASM ZDOS Pgmg	R48	"ASM on the Z-100...", series by D.C. Shoemaker
ASM ZDOS Pgmg	R53	Ltr- Help from Author of "ASM...", D.C. Shoemaker
ASM ZDOS Pgmg	R56	"Intro to ASM..."; 8088 MASM, ZDOS, Z-100 - D. Shoemaker
ASM HDOS Pgmg	R46	"More ASM Programming - HDOS"; Z-89 - P. Hagan
ASM MemMapVid	R51	"Pseudo Mem Mapped Video"; MBASIC, HDOS - F. Hochschild
ASM PasswordPgm	R88	"Password Protect..."; PW in CONFIG.SYS - J. Kalis
ASM Prime #s	R57,64	Ltr- Benchmark Primer, ASM Prime #s Pgm - R. Lafore
ASM Pgmg	L119	Insert: "Recursivity & Assembler" by Thierry Klein
ASM Pgmg \$	L116	Insert: "Assembly Lang Pgmg: The Dollar (\$) Sign"
ASM Start1	R39	"Get Started With ASM"; H/Z-89 series by Pat Swayne
ASM Start2	R40	Console I/O
ASM Start3	R41	HDOS Printer output
ASM Start4	R42	CP/M Printer Output
ASM Start5	R44	Programming Console I/O
ASM Start6	R45	Reading Disk Files in HDOS
ASM Start7	R46	Reading Single Disk Files in CP/M
ASM Start8	R47	More on Reading Disk Files in HDOS
ASM Start9	R49	More on Reading Disk Files in CP/M
ASM Start10	R54	"CP/M Rename Program Contest Winner" by Pat Swayne
ASM Start11	R54	"HDOS Rename Program Contest Winner" by Pat Swayne
ASM Advanced 1	R57	"Advanced ASM Pgmg" series by P. Swayne, Long Rel Addr
ASM TxmitPage	R47	Ltr- An ASM PGM; TxmitLine/TxmitPage, Z-89 - T. Colman
ASM TxmitPage	R50	Ltr- Corrections to TxmitPage/Line - G. Roberts
ASM Underline	R46	"Add Underline Char to ASM"; Z-89, HDOS - C. Winchester
ASM.BAT	L63	"ASM.BAT & ASMCOM.BAT", Automate Assembly Batch Files
ASM <-> ZBASIC	R52	"ZBASIC Mach Lang Subroutines" by R. Klopfenstein
ASM <-> ZBASIC	L72	"Calling ASM Routines from ZBASIC"
ASM <-> ZBASIC	WEB	"Calling ASM Routines from ZBASIC"
ASM -->TPASCAL	R83	"Interface ASM Gfx Routines to TurboPASCAL" by R. DeBey
Assembler	L50	"TASM - Table Driven Cross Assembler" by T. Anderson
Assembly	L8	"Calling a Near Procedure from Afar"
Assembly	L36	Insert: "May I Introduce Assembler?" by Thierry Klein
Assembly	L40	Insert: "How to Handle Files in Assembler" by T. Klein
ASSIGN.COM	L123	Insert: "Disassembling CP/M-85's ASSIGN.COM"
Astronomy	R114	"Sky", 'The_Sky' & 'Sky_Calc', 8087, PC - L. Bollman
AT Utility	S26	"Z-100NB"; Using the AT utility - William Locke
Atari Joystick	B62.5	Use of Atari Joystick with Chase Game of REMark #13
Atari <-> Z-89	R66	"Super Intel, Inexpensive Peri..."; Z-89 - T. Stanley
ATTRIB.COM	S20	"Z-100NB"; Using ATTRIB & FLAGS - Alison Phillips
AutoBoot	L125	"Setting IDE AutoBoot", Or AutoBoot other Z-100 devs
AUTOCAD	R92	"Wide Printer Plots for AUTOCAD 2.18"; DEBUG - D. Price
AUTOCAD	R94	Ltr- C-7 LogiMouse, AUTOCAD, & Z-100 - R. Hassard
AUTOCAD Libry	B92.4	Symbol Libraries for AutoCAD described - Autodesk Inc.
AUTOCAD Mouse	B123.7	Using R-7 LogiMouse w/AutoCAD; Z-100 - William Schuette
AUTOCAD Mouse	B124.7	More on LogiMouse w/AutoCAD; Z-100 - Milton H. Bank, II
AUTOCAD Printr	R99	"DIY Printer Driver for AUTOCAD"; ASM - Pat Swayne
AUTOCAD Publish	R97	"Desktop Publishing w/AUTOCAD" by Patrick Swayne
AUTOCAD Review	R47	"CAD/CAM on Z-100" by S. Spencer
AUTOCAD Revew	B83.2	AUTOCAD for the Z-100 - Sandra Boulton
AUTOCAD10	B159.5	Using AUTOCAD v10 On Z-100; DLA Systems - John A.G. Roach
AUTOCAD11	R142	Ltr- Prob w/AUTOCAD11 on 20MHz ZDS386SX - G. Hoellerich
AUTOCLOK	B123.8	AUTOCLOK Clock/Cal Brds for PC-Emuls; Z-100 - P.Halverson
AUTODEX Review	R52	"Managing Files - Help from AutoDex!" by W. Adney
AUTOEXEC.BAT	R42	"Using AUTOEXEC.BAT"; To load ZBASIC pgm - G. Kabelman
AUTOEXEC.BAT	R109	"LeadEdge"; AUTOEXEC.BAT, CONFIG.SYS "bug" - W. Adney

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Keyword:	Issue#:	Article:
AUTOEXEC.BAT	R149	"Practical Tips"; Sample AUTOEXEC.BAT, PCs - N. Visco
AUTOSCRIBE	R33	"Error in Output File..."; Z-89 - R. French
AUTOSCRIBE	S17	"Benchmark Word Processor" by Donald Carter
AUTOSKETCH	R124	"AUTOSKETCH, Power Drawing for Less" by Pat Swayne
A86/D86 Asmblr	L18	"A86/D86 Assembler & Debugger" Review
Backup	L6	"Multi-Disk Backup"; Idea Waiting for Inventor
Backup	L7	"Backup Strategies" (& Paul Herman pgm, BU.C); Z-100
Backup	L17	"Backup/Archive Program"; PKZIP, ARJ, Z-100
Backup	L49	"Hard Drive BACKUP Alternatives"; Z-100
Backup	R94	"Real Men..."; IMAGER Video Tape Bckup - J. Buszkiewicz
Backup	R98	"IMAGER Backup"; Video Tape Backup, PCs - J. Katz
Backup	R107,119	"LeadEdge"; IMAGER Video Tape Backup, PCs - W. Adney
Backup	R115,134	"LeadEdge"; Types of Backup/Restore - W. Adney
Backup	R131,134	"LeadEdge"; IMAGER; #134- Out of Business - W. Adney
Backup	R134	"Min Effort HDrive Backup" by R. Siebers
Backup	R138	"...Central Point Backup"; Review - R. O'Connor
Backup Tape	B152.4	IMAGER BackUp Util Uses Video Cassette Record - Autofax Corp
Backup TapeDrv	B111	Interface a Cipher 525 Tape drive; Z-100 - Norman Prevett
Backup VCR	B152.4	IMAGER BackUp Util Uses Video Cassette Record - Autofax Corp
Banner Pgm	B122.5	Twist & Shout Sideways & Banner Pgm - Ron Gold, Spectre Tech
Banner Pgm	B138.3	Upgrade to Twist & Shout; CP/M, ZDOS - Spectre Technologies
Bar Code	R101	"...Data Entry: Bar Codes"; Bar Code Reader - J. R. Hines,
Bar Code Prntr	S19	Notes- Print your own bar codes on Z-100/Z-150
Barfield Mod	L29	"Using Dual-Density Drives..."; A Better Z-207 Mod
Barfield Mod	L76	Insert: "The Barfield Dual-Density Drive Z-207 Mod"
Barfield Mod	WEB	"The Barfield Dual-Density Drive Z-207 Mod"
Bar Graphs	S10	"Classy Bar Graphs"; MBASIC - Robert Rasch
BARON	R67	"New Prods From Blue Chip Software"; PC - P. Westfield
BASCOM	R38	"...BASCOM - CP/M BASIC Compiler" by T. Wiles
BASCOM Patch	B101.2	Patch to Make BASCOM Work on Z-100 CP/M85 - E. Bob Cascisa
Base Convsn	L104	Insert: "DEC-OCT-HEX-BIN & ASCII/GrafX Chart"
Base Convsn	WEB	"DEC-OCT-HEX-BIN & ASCII/Graphics Chart"
Base Convsn	L122	Insert: "All-Base Conversion Program for CP/M"; ASM
Base Convsn	R15	Ltr- BASIC Conversion Pgm; DECimal-->BINary - R. Massa
Base Convsn	R18	"Number Base Conversion in FORTH" by G. Haydon
Base Convsn	R26	Ltr- Convert Split OCT to DECimal; MBASIC - G. Hawthorne
Base Convsn	R28	"Split Octal/Decimal Add/Sub"; Numbers - R. Traub
Base Convsn	R30	Missing program to above article by R. Traub
Base Convsn	R42	Ltr- Correction to "Base Conversion Routine"
Base Convsn	R86	"Binary to BCD Conversion"; BIN->DEC ASM - F. Bruegmann
Base Convsn	R143	"Binary Conversion by Division" by G. Hoellerich
Base Convsn	R144	"...Floating Point Numbers"; BINary & BCD - D. Lind
BASIC	--	Also see MBASIC, GWBASIC, or ZBASIC separately
BASIC	R100	"Get Started w/BASIC"; BASICA, GWBASIC - A. Neibauer
BASIC & 8087	S21	"Speed Up Z-100/150 w/8087 Math Chip" by Alan Moffet
BASIC CharCase	R08	"BASIC Ideas"; Chg Upper Case to Mix Case - D. McNeill
BASIC CheckWtr	R09	"Million Dollar Check Writer" by J. Tennant
BASIC Directry	R18	"Disk Catalogs from BASIC or Tiny PASCAL" by L. Suarez
BASIC FileMgmt	R11	"File Handling in BASIC"; Z-89 - J. Tennant
BASIC FileMenu	R89	"What's on Menu?"; Menu of all .BAS Pgm - M. Zapolski
BASIC FileMenu	R94	Ltr- What's on Menu; Z-100 GWBASIC - M. Zapolski
BASIC FileSort	S19	"BASIC Q/A"; Semi-sorting Files - Edward Byrnes
BASIC Fractals	--	See GWBASIC or ZBASIC Fractals
BASIC Groceries	S12	"BASIC Grocery Shopping" by Robert Schlessman
BASIC Gypsy	S6	"Program Improbable Prognostications" by Edward Byrnes
BASIC Gypsy	S7	Ltr- Program corrections and additional info
BASIC Integers	R127	"Single-byte Integers in BASIC" by K. Granzow
BASIC Needles	--	See Needles Program below
BASIC Optical	S11	OPTICAL.BAS; Z-100 optical illusion - Edward Byrnes
BASIC PWayne	R09	"BASIC - I Built My Own"; from Li-Chen Wang's - Pat Swayne
BASIC Precision	S9	"Optimize BHBASIC's Numeric Output" by Charles Rogers
BASIC Pgm	L20	"Chaser Menu for BASIC", Colored dots chasing Menu
BASIC Pgm	R81	"BASIC Thoughts"; Advice - J. Mosow
BASIC Pgm	R103	"LeadEdge"; Choosing a Language - W. Adney
BASIC Pgm	R132	"Do You Want to Program?"; Print Label - Gil Hoellerich
BASIC Pgm	R136	"Do...Pgm2", Add Input to the label pgm
BASIC Pgm	R137	"Do...Pgm3", Practicality, compiling, use in Database

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BASIC Pgmng	S2	"Put Structure in BASIC Programing" by William Clarkson
BASIC Pgmng	S5	"Format BASIC Pgms for Readability..." by Paul Eustace
BASIC Pgmng	S13	"Screen Out Improper Input" by Kurt Albrecht
BASIC Pgmng	S13	"Trap Errors w/o Losing Error Msgs" by Stan Lockhart
BASIC Pgmng	S16	"Passing Variables w/CHAIN & COMMON" by Robert Hanan
BASIC Pgmng	S18	Ltr- Use of ALL to pass variables corrected
BASIC Prntr Pgm	S14	"Get Most Out of Okidata Printer..." by M.H. Endres
BASIC RubikCube	S1	"Rubik's Cube: Computer Simulation..." by Arthur Frost
BASIC ScrnFormt	R12	"Screen Formatting in BASIC"; Z-89 - B. Thomas
BASIC Sort	R08	"String Sort" by B. Stillman
BASIC SYMON.BAS	S16	"SYMON Says: Challenge Your Memory" by Edward Byrnes
BASIC Trig Util	S3,8	"Double-Precision Trig Functions" by Hugh Kenner
BASIC Typewritr	S10	"Turn Computer into Typewriter" by Thomas Bohon
BASIC Typing	S1	"BHBASIC Tests Typing Reaction Time" by Raymond Dotson
BASIC Versions	R95	"BASIC Wars", B. Dubbs, QuickBASIC, TurboBASIC, etc.
BASIC-E	R27	"Add LPRINT, PEEK, POKE, USR, & INPUT\$ to BASIC-E"
BASIC/Z	B86.6	BASIC/Z for Pro Programmers; CP/M, CP/M-86/80, MP/M II
BATCH	L6	"Returning to Original Directory in a Batch File"
BATCH	L9	"ECHO a Blank Line in a Batch File"
BATCH	L27	"Using Percent Sign (%) in Batch Files"; Z-100
BATCH	L74	General Notes: Batch file use
BATCH ECHO.	R110	"Menu Screens"; Use Echo. for 'blank line' - M. Gage
BATCH Files	R140	"BATCH Files..."; Explains Usage - J. Day
BATCH Menu	R93	"Batch Menu System"; Uses Batch Files - E. Zimmerman
BATCH Menu	R93	"Mouse Driven Menu System"; Batch Files - J. Bazhaw
BATCH Menu	R99	"Simple...Menu Sys"; 'errorlevel', add Color - Pat Swayne
BATCH Pgmng	R77	"Programming in BATCH"; MSDOS v2 - R. Ferguson
BATCH Pgmng	R107	"PwrUp"; Using Batch Files & CONFIG.SYS - W. Adney
BATCH Pgmng	R111	"Xplore Your BATCH Files"; Short ASM Pgms - R. Brasfield
BATCH Pgmng	R113	Ltr- Xplore Your BATCH... - R. Brasfield
BATCH Pgmng	R113	"Begin BATCHes"; AUTOEXEC.BAT - M. Haverstock
BATCH Pgmng	R129	"Enhanced BATCH File & Menu Programs" by H. Ogg
BATCH Pgmng	S10	"Take Advantage of Z-DOS Batch Files" by Peter Norton
BATCH Pgmng	S12	Ltr- Silence keyclick using batch file or AUTOEXEC.BAT
BATCH Pgmng	S17	Ltr- Comments on ending Batch Files with a CTRL-Z
BATCH Pgmng	S17	"Z-100NB"; AUTOEXEC & FNAME.BATs - Alison Phillips
BATCH Pgmng	S24	"Z-100NB"; Using Batch Files - William Locke
Battery Care	R102	"Get Most From Laptop"; ZCOM Manual - J. Katz
BATTLESHIP Pgm	--	See MBASIC BATTLESHIP
BCD <-> Binary	R86	"Binary to BCD Conversion"; BIN->DEC ASM - F. Bruegmann
BDS C Compiler	B89.3	BDS 'C' Complr for CP/M - 'Byte' Mag '83 - Chaos Comptrs
BDS C Debugger	B90.3	CBD Symbolic Debugger for BDS 'C' - Eigenware Technologies
Beep	L2	Exploring the ROM, Beep explained
Beep	L26,27	Q&A: Can the Z-100 say anything besides BEEP?
Beeps & Clicks	L131	PowerUp Beeps & Clicks explanation (ROM), Page 6
Beginner Guide	L16	"Beginner's Guide to the Z-100" by Paul F. Herman
Beginner Guide	L108	Insert: "Beginner's Guide to Z-100"; Updated - S. Vagts
BENCHMARK	S17	"Benchmark Word Processor"; Review by Donald Carter
Benchmark Pgm	R26	"Speed on Heath Micros"; BHBASIC Prime #s - A. French
BENOIT Pgm	B121.1	BENOIT Fractal Generator Pgm; Z-100 - Gene Tehansky
Bernoulli	L6	Q&A: Bernoulli removable cartridge drive on Z-100?
Bernoulli Box	R114	"HDisks & Bernoulli Drives..."; Z-100 - D. Green Note: Bernouli Box is Iomega 10+10 8" Cartridge Drive w/CDR317-IIB SCSI Controller from CDR Systems!
BESTERM	R114	"Inexpensive Software for Z-100"; Comms - G. Elder
BetterBASIC	R88	"BetterBASIC..."; Uses all avail RAM, modular - F. Kent
BetterBASIC	R92	Ltr- BetterBASIC Julian Date - E. Goetsch
BHBAS Editor	R30	"Editor for Benton Harbor BASIC" by Patrick Swayne
BHBAS Improvmts	R29,31	"Improvements to Benton Harbor BASIC" by P. Swayne
BHBAS Inv Trig	R26	"BASIC Idea, Inverse Trig Functions" by F. Wunder
BHBAS vs MBAS	R23	"BHBASIC vs MBASIC" by G. Kabelman
Billboard	R17	"Electronic Billboard"; Z-89 - R. Reichart
Binary Add	R49	"...Computer Can't Add"; Binary Numbers - D. Pelowitz
Binary Convsn	R143	"Binary Conversion by Division" by G. Hoellerich
Binary Search	R61	"Binary Search... For Speed"; Turbo PASCAL - P. Eustace
Binary Search	R128	"Search for Binaries"; QuickBASIC Pgm, PCs - A. Grattan
Binary <-> BCD	R86	"Binary to BCD Conversion"; BIN->DEC ASM - F. Bruegmann
BIOS Config	L4	"Accessing BIOS Device Configuration Table"

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Keyword:	Issue#:	Article:
BIOS Length	L5	Feedback: Length of BIOS vers dependent - 64k limit
BIOS Upgrade	L23	"BIOS Enhancements"; For DOS v3.2 - John Beyers
BIOS Versions	L13	"Case of Paranoia", Different BIOS vers in DOS v3.10
Birthday Puzzle	L137,138	Insert: "Z-100 40 th Birthday Word Find Puzzle"
Birthday Trivia	L137	"Z-100 LifeLine Trivia and Word Find Puzzle"
BLACKJACK	R64	Ltr- Patch EC1110 MBASIC crse BLACKJACK - M. Klintworth
BLITZ	S39	"C Notes"; BLITZ printer-interface pgm - Joseph Katz
Book Review	S5	"H/Z Computers: Words & Pictures" by Fred Zimmerman
Book Review	S14	"Hugh Kenner's Book for Z-100 Beginner" by Mark Goodkin
Book Review	S15	"Z-100NB"; 'MS-DOS User's Guide' - by Alison Phillips
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Computer Journl	L22	"Computer Journal Begins S-100 Column", 'Dr. S-100' Written by Herbert R. Johnson, #57, Sept/Oct 1992
Computer Memory	R136	"LeadEdge"; Types of memory & memory mgrs - W. Adney
Computer Models	R144	"LeadEdge"; 80286, 80386 & later - W. Adney
Computer Model#	R112,132	"LeadEdge"; H/Z Computer Model/Series #s - W. Adney
Computer Setup1	R69	"Set Up Your System"; Hard & Software - W. Adney
Computer Setup2	R71	"Set Up Your System"; Useful Utils & Pwr Protect
Computer Setup-	R77	Ltr- Comments on "Set Up"
Computer Speed	R111	"LeadEdge"; Myths about Computer Speed - W. Adney
Computer Stand	S11	"Build a Portable Computer Stand" by Nelson Cochran
Computer Tips	R149	"Practical Tips" by N. Visco
Computer Travel	R136	"Compute on the Road"; SupersPort SX - S. Kristan
Computer Upgrd	R111	"LeadEdge"; New vs Upgrade Computer? - W. Adney
Computer Upgrd	R131	"Upgrade Old Computers..."; Z-151, Z-100PC - S. Shapiro
Computer Video	R139	"PC Video Primer"; History, types of PC video - D. Veit
CONDOR	S22	"Z-100NB"; CONDOR and the MAP command - William Locke
CONDOR	S35	"Z-200 Series"; Condor Data Mgmt System - William Locke
CONDOR DBMS	R65	"Review Condor DBMS"; CP/M, ZDOS, Z-100 - S. Butzbach
CONDOR Editor	R93	"New Gen Editor Fm Condor..."; PCs Only - R. Mueller
CONDOR rDBMS	R102	"Build Your Own rDBMS" by R. Giegler
CONDOR3	R70	"Update Condor3 rDBMS"; v2.11.12, Z-100&PC - R. Mueller
CONDOR3	R77	"CONDOR"; Review - R. Giegler

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CONDOR3	R82	"CONDOR 3 Flying High" by R. Giegler
CONDOR3	R88	"CONDORizing Your REMarks"; FMS or rDBMS - D. Breslauer
CONDOR3	R93	"New Gen Editor..."; Condor Editor, PCs - R. Mueller
CONDOR3	R94	Ltr- CONDOR Catalog Sys; Catalog REMarks - P. Koch
CONDOS3	R101	"Another CONDOR3 Update"; Vers2.20 - R. Mueller
CONDOR3 DBMS	B147.3	Condor 3 Database Management System Released - Condor
Conference	S15	"H/Z Dominates USAF Sm Computer Conf" by Mark Goodkin
Conference	S18	"Navy Micro '85"; Norfolk Conf - Bryan Rutberg
Conference	--	See HUG conference: CHUGCON, HUGCON, WRHUGCON, MWHUGCON
CONFIG.SYS	R107	"PwrUp"; Using Batch Files & CONFIG.SYS - W. Adney
CONFIG.SYS	R109	"LeadEdge"; AUTOEXEC.BAT, CONFIG.SYS 'bug' - W. Adney
CONFIG.SYS	R149	"Practical Tips"; Sample CONFIG.SYS, PCs - N. Visco
CONFIG.SYS	S15	"Z-100NB" by Alison Phillips
CONFIG.SYS v4	L59	"MTR-ROM v4.21 CONFIG.SYS"; Z-100
CONFIG.SYS v4	L112	Insert: "DRIVECFG v4" document & chg to CONFIG.SYS
CONFIG.SYS v4	WEB	"DRIVECFG v4" document & chg to CONFIG.SYS
CONFIGUR.COM	L18	"Z-100 Configuration Tip", Configure drive step rates
CONFIGUR.COM	L94	Insert: "Z-DOS v4 CONFIGUR.COM Utility Documentation"
CONFIGUR v4	WEB	"Z-DOS v4 CONFIGUR.COM Utility Documentation"
Configuration	L66	"Many Faces of H/Z-100!!"
Configuration	L79	Insert: "Z-100 User Configs"; Appendix I, User's Man
Configuration	WEB	"Configuring the Z-100, Appendix I"
Console Stat	R43	"Console Status Program"; Z-89 - R. Traub
Console Swap	R33	"CP/M Console Swapper" by Bob Ellerton
Console Swap	R42	Correction to CP/M Console Swap above for Z-100
Console Swap	R38	"Z-100 ZDOS Swap Program"; MASM - M. Aagenas
Contest '96	L45,46	Contest for "Most Unique Z-100 Application"
Contest '99	L66	The Christmas 1999 Crossword Challenge
Contest '22	L137	Insert: "Z-100 40 th Birthday Word Find Puzzle"
Contest '22	L138	Insert: "Z-100 40 th Birthday Crossword Puzzle"
Conversion Tbl	L62,63	"CONVERT#.BAS Revisited", Metric/English Cubic Convsn
Convert Z-100s	L11	Q&A: Convert All-In-One to Low-Profile?
Convert Z-100s	L30	Q&A: Convert All-In-One to Low-Profile power supply
CONVERT#.BAS	L62,63	"CONVERT#.BAS" Revisited; Had incorrect conversion #s
CoProcessor	--	See 8087
COPY	L39	"Simple WordProcsr in MS-DOS COPY Command" by H. Wilson
COPY CON	S16	"Z-100NB"; Use of COPY CON Command - Alison Phillips
COPY CON	S17	Ltr- Comments on use of COPY CON
Copy Protect	R78	"Paranoia Reigns..."; Really needed? - J. Buszkiewicz
Copy Protect	R90	"MASTERKEY..."; Unlock Protect Schemes - J. Buszkiewicz
Copy Protect	R144	"LeadEdge"; Copy Protection & Compatibility - W. Adney
COPYCAT	B97.1	COPYCAT: Z-100 House Cleaning Utility - Taylor Associates
COPYCAT2	B112.4	COPYCAT v2 for ZDOS v2 - Jeffrey Taylor, Taylor Associates
COPYCAT3	B115.4	COPYCAT v3 Has a 'Smart' Option - Taylor Associates
CORSAIRE.BAS	L92	Insert: "ZBASIC Sailing Ship Graphics Pgm" by T. Klein
Counterpoint	R131	"Counterpoint Graphical Menu Sys"; PCs - E. Zimmerman
Courier2400	R67	"Review US Robotics Courier2400 Modem" by J. Buszkiewicz
Courier2400	R67	"2400 Baud Patch"; Courier2400, CP/M86 - J. Buszkiewicz
Covox	R119,125	"LeadEdge"; Covox Voice Master Key Sys, PCs - W. Adney
Covox	R131	"LeadEdge"; Thoughts - W. Adney
CO-16 Z-89	R66	"Txport Z-89 to 16-bit World..." by P. Ruber & L. Porter
CPEM	S22	"Two Ways '100 Can Run CP/M Under DOS" by Joseph Katz
CPS-216	S19	CPS-216 offers 8086 slaves for Z-100 to link computers
CPU vs Baby	R49	"Stupid Computer; You should be so Smart" by W. Theodore
CP/EMulator	R53,55	PPage- CP/EMulator Patch for ZDOS v2.0
CP/EMulator	R56	"LeadEdge"; Z-DOS CP/EMulator - W. Adney
CP/EMulator	R86,87	PPage- Patch CPM.COM, 87 corrects 86! - Pat Swayne
CP/EMulator	R97	Ltr- CP/EMulator II...; Fixed ZEM.COM Bug - R. Kilmanas
CP/M Emulator	B58.7	'TCS' CP/M Emulator for the Z-100; CP/M-85
CP/M	L44	"Z-100 CP/M"; General info on versions avail
CP/M	L122,123	"Running CP/M on Z-100"; Comments on CP/M
CP/M	S14	"New Gen Brings Charm of Unix to CP/M" by Walter Jung
CP/M	S17	"ZCPR-A PubDomain Enhancmt for CP/M..." by Mitchell Ross
CP/M	S22	"Two Ways '100 Can Run CP/M Under DOS" by Joseph Katz
CP/M	S28	"Set Epson Printer Functions..." by Richard Mueller
CP/M1	R21	CP/M series by T. Jensen, Intro, Z-89
CP/M2	R22	Four subsections of CP/M; CCP, BIOS, BDOS & TPA
CP/M3	R25	Booting Up, configuring, and basics

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CP/M4	R27	Now by W. Campbell, Books/manuals to learn CP/M, Utils
CP/M5	R30	MBASIC program for mailing list, label printer pgm
CP/M ASM	L123	Insert: "CP/M ASM Programming Essentials"
CP/M ASM	R38	"ASM For the Novice" by R. Martin
CP/M BASCOM	R38	"...BASCOM - CP/M BASIC Compiler" by T. Wiles
CP/M BaseCnvsn	L122	Insert: "All-Base Conversion Pgm for CP/M"; ASM
CP/M BDOS Err	R42	"BDOS Error!"; When Writing MBASIC Pgms - B. Simpson
CP/M BDOS Err	R44	Another solution to "BDOS Error!"
CP/M BDOS Err	R45	Ltr- "BDOS ERROR Prob Solved", Disk density on Z-89
CP/M BDOS Err	R44	Ltr- Use SAVE 0 GO.COM to BDOS Error - C. Pearce
CP/M BDOS Err	R45	Ltr- Use SAVE 0 GO.COM to BDOS Error - D. Picken
CP/M BDOS Err	R46	Ltr- Use GO.COM works! - V. Leininger
CP/M BIOS Err	R65	Ltr- BIOS Err on B:R/O; Using PIE - J. Miner
CP/M BIOS Err	R68	Ltr- Hints for PIE Under CP/M - P. Woolgar
CP/M BIOS Err	R76	Ltr- Paul Woolgar's Ltr Response - J. Minor
CP/M BIOS Err	R71	Ltr- Refer to REMark...; Default Data Drv - J. Pierrel
CP/M BIOS Err	R76	Ltr- More
CP/M BIOS Mod	R52	"CP/M BIOS Mod to Txlte Non-Heath Pgms" by R. Martin
CP/M CALC.BAS	R62	"CALC.BAS"; For CP/M2.2.03 & MBASICv5.21 - W. Reese
CP/M CHECK.BAS	R42	"Personal Checks and Balancing"; BASIC - D. Thomas
CP/M Commands	S18	"Z-100NB"; Resident Commands - Alison Phillips
CP/M CONDOR	R65	"Review of Condor DBMS"; CP/M, ZDOS - S. Butzbach
CP/M Conf '83	S6	"CP/M '83"; Conference Overview - Frederick Zimmerman
CP/M Dir Struct	R46	"CP/M Directory Structure" by D. Pelowitz
CP/M DiskAccess	R49	"Disk Access by Tracks/Sectors"; CP/M - D. Vinter
CP/M Disk Errs	R30	"CP/M Disk Errors" ERRORS pgm reqs patch
CP/M Disk Errs	R55	Ltr- Add'l changes for CP/M 2.2.4 - C. Simmons
CP/M Disk Errs	R55	"More About CP/M Disk Errors" by N. Lavigne
CP/M DUMP	R49	"Make CP/M DUMP Useful..."; Z-89 - C. Horn
CP/M DUMP	R54	Ltr- Fix for the "CP/M DUMP Util" - A. Fejfar
CP/M DUMP	R56	Ltr- More CP/M DUMP Patches; ASM routine - L. Tryon
CP/M Emulator	--	See ZP/SIM below to run CP/M software under Z-100 DOS
CP/M Emulator	B58.7	'TCS' CP/M Emulator for the Z-100; CP/M-85
CP/M Err Recov	R49	"Error Recovery for CP/M" by Patrick Swayne
CP/M ESC Func	R49	"Implement ESCape Seqs for..."; Z-100 - W. Adney
CP/M ESC Func	R52	Missing listings for FormFeed - W. Adney
CP/M ESC Func	R54	Ltr- Combine sep funcs into 'TERM' - R. Rasch
CP/M File Mgmt	R50	"File Hndlg w/compiled Pgms..."; BASIC - B. McFarland
CP/M FORMAT	R66	"...WatchWord & Goodies" by W. Adney
CP/M IDE?	L118,119	"CP/M IDE Controller", Snags & frustration
CP/M IDE?	L121	"Is CP/M Capable of Using Our IDE Controller Card?"
CP/M Interrupts	R56	"Interrupts & CP/M..." by R. Lewis
CP/M MBASIC	R11	"MBASIC Output Flexibility..."; Z-89 CP/M - J. Thomas
CP/M MAKEBIOS	R26	"Making Sense of MAKEBIOS" by Pat Swayne
CP/M MAPLE	R66	Ltr- Patch Maple CP/M2.2.04; Drive # Bug - W. Parke
CP/M Modem Ptch	R67	"2400 Baud Patch"; Courier2400, CP/M86 - J. Buszkiewicz
CP/M Par Port	R38	"Parallel Port for CP/M"; CP/M v2.2.3 - J. Helgesen
CP/M PIE	R68	Ltr- Hints for PIE Under CP/M; 'BIOS Err' - P. Woolgar
CP/M Plus	L96	"CP/M Plus"; Documentation by Barry Watzman
CP/M Plus	WEB	"CP/M Plus" (Digital Research CP/M v3) - Barry Watzman
CP/M Plus	L122	"Description of CP/M Plus", Commonly known as CP/M3
CP/M Plus	L122	"Date Patch for CP/M 3's DATE.COM", Y2K Bug
CP/M Primer	L44,45	Insert: "CP/M Primer" (CP/M-80 to CP/M-85)
CP/M Primer	L48	Insert: "CP/M-85 Command Reference" continued
CP/M Pgmng	S5	"Intro to CP/M for ASM Pgmrs" by J.C. Hassall
CP/M Speech	R45	"Using Speech Syn Under CP/M"; Vortax - B. Brownlee
CP/M Time/Date	S34	"Time & Date-Stamp Your CP/M Files" by Daniel Jerome
CP/M Transfer	B111.6	Converting H/Z CP/M Code to Other Machines - Bill Adney
CP/M Turnkey	R25	"Turnkey Ops Using CP/M, MBASIC & SUBMIT" by R. Conde
CP/M Versions	R61	"Look at CP/M80, CP/M85, & CP/M86" by W. Adney
CP/M vs HDOS	R44	"Software View of Op Systems" by G. Coade
CP/M .COM Pgms	R85	"Something Common About DOS & CP/M" by B. Wilkinson
CP/M2.2 ZCPR3	R70	"Upgrade CP/M2.2 With ZCPR3..."; Z-89 - R. Swenton
CP/M 3T	B88.7	Professor CP/M 3T - CP/M Comptr Course - Software Academy
CP/M80 SUBMIT	R63	Ltr- Two Part Puzzle; SUBMIT Probs, Z-89 - R. Tripp
CP/M85 ASM Pgmng	R45	"ASM in CP/M-85 with Z-100..." by D. Shoemaker
CP/M85 Assembly	B88.2	Reassembling CP/M-85 BIOS No Easy Chore - Glenn Roberts

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CP/M85 ASSIGN	L123	Insert: "Disassembling CP/M-85's ASSIGN.COM"
CP/M85 BDOS	L123	Insert: "CP/M ASM Pgm Essentials", BDOS Function Calls
CP/M85 BIOS	L123	Insert: "CP/M ASM Pgm Essentials", BIOS Entry Points
CP/M85 BIOS	L123	Insert: "CP/M ASM Pgm Essen", BIOS Disk Data Structure
CP/M85 BIOS	B103.5	How to Change H/Z's CP/M BIOS85/88 Files - Gregory Marsh
CP/M85 Grafx	R61	"Hi-Res Graphics w/CP/M85"; Z-100 - R. Owens
CP/M85 Grafx	R66	Ltr- Correction "Hi-Res Grafx w/CP/M85" by R. Owens
CP/M85 Grafx	R69	Ltr- Sympathize...; Adds to "Hi-Res Grafx" - J. Joiner
CP/M85 Grafx	R75	"Hi-Res Graphics w/CP/M85"; Final, Z-100 - R. Owens
CP/M85 Patch	R41	"...Echo On Delete..."; Patch - Patrick Swayne
CP/M85 RAMdrive	R71	"Auto RAMdrive Utilities"; CP/M85, Z-100 - J. Hebda
CP/M85 RAMdrive	R73	Ltr- Auto RAMdrive Util; For Z-89 CP/M - L. Daugherty
CP/M86	L83	Insert: "Concurrent CP/M-86", Concurrent DOS Review
CP/M86	R52	"CP/M-86 From Zenith"; Page 20 - William Adney
CP/M86 Delete	R49	"Get Rid of Echo on Delete..."; Patch - Pat Swayne
CP/M86 Modem	R67	"2400 Baud Patch"; Courier2400, CP/M86 - J. Buszkiewicz
CP/M86 Patch	R53	PPage- CP/M86 bug crashes occasionally
CP/M86 Z100Kit	B78.1	Z-100 Install Kits for CP/M-86, MP/M-86 - Barry Watzman
CP/M86 Z100Kit	B80.1	Z-100 CP/M-86 Install Kit - Barry Watzman
CP/M86 8087	B111.3	CP/M-86 Support for 8087 Co-Processor - Robert W. Rasch
CP/M .COM Dism	B74.4	HDIS CP/M disassembly Pgm for 8080 .COM Files; CP/M 2+
CP/M-Plus	B95.1	CP/M-80, Rel 3.0 (CP/M-Plus) OS for Z-100 - B. Watzman
CP/M-Plus	S16	"CP/M-Plus Exploits More Memory" by Jack Goertz
CP/M-Plus	R89	Ltr- Redirect Outpt; MBASIC PEEK/POKE Patch - P. Grayce
CP/M <-> DOS	L122,123	"22DISK, CP/M <-> DOS Disk Interchange Utility"
CP/M <-> DOS	B89.1	F-TRANS File Txfer Utility, CP/M<->DOS - Generic Software
CP/M <-> DOS	B89.6	Txfer Files DOS<->CP/M86 - SYSTRAN & TRANSYS - CompuView
CP/M <-> DOS	B92.3	Micro/Versal is a ZDOS Utility for CP/M <-> Z-100 DOS
CP/M <-- HDOS	R37	"An HDOS Shell for CP/M"; Z-89 - D. Alsip
CP/M <-- HDOS	R60	"Op Sys Emulators"; HDOS, CP/M, Z-100 - Pat Swayne
CP/M <-- ZDOS	R45	Ltr- Txfer Files from ZDOS to CP/M - L. Wilson
CP/M --> ZDOS	R60	"Op Sys Emulators"; HDOS, CP/M, Z-100 - Pat Swayne
CQ-60 Presario	L136	"Presario Notebook Escape", Compaq Presario CQ-60 repair
CPU Swapping	L22,23	"Processor Swapping", Two Operating Sys, DOS & CP/M
Cramolin	S36	"Cramolin Cleans Computer Contacts" by Gerald Cramm
Note: Do NOT use on Z-100 Keyboard Keys!		
The residue left from this and similar products (WD-40) will cause key failure!		
CROSSREF Util	R55	"Inside MBASIC"; Cross Ref Utility, Z-89 - D. Dodgen
CROSSREF Util	R58,59,61	Ltrs- Comments on errors - C. Mowery
CROSSREF Util	R64	Ltr- Revised CrossRef Util for Z-100 - M. Zapolski
CROSSREF Util	R75	Ltr- Harper's June 85 Art; Z-100 ZBASIC - M. Zapolski
Crossword Puzl	L66	The Christmas 1999 Crossword Challenge
Crossword Puzl	L138	Insert: "Z-100 40 th Birthday Crossword Puzzle"
CRT	L1	Q&A: All-In-One CRT Replacement?
CRT Radiation	R73	Ltr- Radiation in CRTs?; There is None - W. Nabor
CRTSAVER	R54	"Advanced ASM, Z-DOS TSR Programs"; Z-100 - F. Clark
CRTSAVER	R57	Ltr- Update on CRTSAVER - J. Lockett
CRTSAVER	R98	"CRTSAVR Revisit"; Mem Ctrl Blocks, ASM - R. Brasfield
CRTSAVER	R105	"Revisit CRTSAVER Revisit" by W. Vomocil
CRTSAVER	R111	Ltr- CRTSAVER Revisited - V. Reisenleiter
CRT-C Registrs	L3	Q&A: What are standard values for CRT-C Registers?
Crystal Tester	L131	Insert: "DL4YHF2 Freq Counter & Crystal Tester" Kit
Cursor	L2	"Customizing Your Cursor" by Stanley Schwartz
Cursor Addrgr	R54	"Direct Cursor Addressing..."; Z-89 - R. Bennett
Cursor Ctrl	R43	"Easy Cursor Control..." by W. Theodore
CW Keyer	R28	"Computer CW Mem Keyer"; Add Circuit, Z-89 - D. Jugel
CYTERM	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
C86 'C' Complr	S24	"C-Notes"; Computer Innovations - J. Katz
C86 'C' Complr	B86.4	C86 Compiler Avail for Z-100 ZDOS - Computer Innovations
C86 'C' Complr	B104.4	C86 'C' Compiler v2.2J has new features - Eigenware Tech
C86 'C' Complr	B110.6	C86 'C' Complr Offers SrcLevel Debug - Comp Innovations
C86PLUS	S35	"Z-200 Series"; Computer Innovations - William Locke
C-Scape	S26	"C Notes"; C-Scape translates 'C' screens - J. Katz
C-7 Logitech	L4	"Using MS Word v5 on Z-100"; Logitech C7 - G. Faini
C-7 Logitech	L4	Q&A: Get Z-100 to work w/Logotech C-7 Mouse, Patch
C++ Upgrade	L23	"Solutions Looking for Prob", Upgrade to C++, PCs
C++ 1&2	R131,132	"Intro to C++"; Zortechv2.0 - Series by Lynwood Wilson

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C++ 5	R135	"Intro to C++"; Structure & organization
C++ 6	R136	"Intro to C++"; Decision making
C++ 7	R137	"Intro to C++"; Use of arrays
C++ 8	R138	"Intro to C++"; Pointers, Memory, Addresses, Math
C++ 9	R139	"Intro to C++"; Arrays of Pointers, Void Pointers
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C++ 11&12	R143,144	"Intro to C++"; Design & implementation of assembler
C++ 13	R146	"Intro to C++"; Classes & Data storage
C++ 14	R147	"Intro to C++"; Use of char strings easier & clearer
C_Power 1	R86	"C_Power1"; C/80, CP/M, Z89/100 - Series by J. Lewis
C_Power 2	R87	"C_Pwr2"; Building functs for data storage pgm
C_Power 3	R88	"C_Pwr3"; Randon records using C/80 library
C_Power 4	R89	"C_Pwr4"; Search for a Record
C_Power 5	R90	"C_Pwr5"; Review existing record names
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C_Power 9	R96	"C_Pwr9"; Modified data storage pgm used previously
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C_Power 11	R99	"C_Pwr11"; Using 'C' TextEditor to write this article
C_Power 12	R100	"C_Pwr12"; Add sophistication to our 'C' TextEditor
C/NIX-80	S32	"Taking the C/NIX Route"; CP/M Enhancment - William DuBay
C/80 AM9511	B114.6	'C' UserGroup Offer AM9511 FloatPoint CoProcess - J. Dick
C/80 Compiler	R67	"Look at Software"; From Software Toolworks - W. Adney
C/80 CUTPAR	R106	"Light Tap..."; Cut paragraph in PIE & TEXT - D. Keller
C/80 CUTPAR	R109	Ltr- Glitches to 'Light Tap' - D. Keller
C/80 Environment	R72	"Tight C/80 Environment", D. Keller, HDOS, Z-89
C/80 Environmt	R74	Ltr- Tight C/80...; Typo Errors - D. Keller
C/80 HDOS CP/M	B74.2	C/80 'C' Compiler w/Floating Point for HDOS and CP/M
C/80 HDOS3	R95	"C/80 in OMDOS..."; Z-89 - D. Keller
C/80 Library	R94	"C/80 Elim Library Duplicat"; Elim Overhead - D. O'Meara
C/80 Library	R103	Ltr- Shared Exper...; HiSpeed Lib - A. Sophianopoulos
C/80 Library	R106	Ltr- HiSpeed 'C' Library; Same Ltr - A. Sophianopoulos
C/80 OMDOS	R95	"C/80 in OMDOS..."; OMDOS- One Module DOS - D. Keller
C/80 Protect	R94	"Protected Input for 'C'"; Z-89 C/80 - G. Appel
C/80 Scanf	R95	"To Scanf..."; Scanf- Format'd Input Func - D. Keller
C/88 Compiler	R92,95	"LeadEdge"; Ecosoft C88 Compiler - W. Adney
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Dallas DS1216E	--	See SmartWatch, Fits under Z-100 ROM chip at U190
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Data Security	R86	"Computer Data Security"; Data Danger - D.C. Shoemaker
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Data Separator	L4	Word Filters Down from Bill Johnson, Heath Co., Z-100
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Data Structures	R49	"Intro to Data Structures"; BASIC, FORTRAN - E. Yount
Data Strucs2	R51	"IntroDS 2, Trees"; BASIC - E. Yount
Data Strucs3	R57	"IntroDS 3, Hash Tables"; BASIC - E. Yount
Database	R92	"Use Database Software...Decision" by C. Hackenberry
Date Calculator	R55	BASIC sub to Calc Gregorian/Julian Dates, pg 10
Date Conversn	R61	"...KISS Dating"; Julian-Calendar Convsn - R. Winkler
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Date Conversn	R92	Ltr- BetterBASIC Julian Date - E. Goetsch
DATESTAMPER	S34	"Time & Date-Stamp Your CP/M Files" by Daniel Jerome
DATESTAMPER	B1054	DATESTAMPER for CP/M 2.2 & CP/M-85 - Plu*Perfect Systems
DateTime	R40	"DateTime, ZDOS Auto Time Updater"; ASM Pgm - F. Clark
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DATE.COM Patch	L122	"Date Patch for CP/M 3's DATE.COM"
DAZZLE	L92	"Review of DAZZLE Digital Video Creator 80"; 'C'
DBase Mgmt	B155.1	PC-FILE+ DBASE Mgmt Sys Works on Z-100 w/ZPC - Jack Peterson
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dBASE2 Patch	R74	PPage- Patch Prob w/TSR utilities - Pat Swayne
dBASE2.43 Bug	R88	Ltr- dBASE II; DSORT fails @50%, Z-37, Z-89 - D. Taylor
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Drive 96tpi	B127.4	Intrfac TEAC FD-55FGV 1.2Mb Drive; Z-100 - Eugene Sikora
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Drive 96tpi	B132.2	Intrfac 50pin Ctrlr to 34pin TEAC 1.2Mb Drv - Ken Goto
Drive 96tpi	B134.3	More on HD TEAC FD-55FGV Drives; Z-100 - George Elwood
DROPMAN Game	L3	"Three Games for Z-100" by Wojtek Bok
DSBACKUP	R83,95,96	"LeadEdge"; From Design Software - W. Adney
DSBACKUP	R98	"LeadEdge" by W. Adney
DSBACKUP+	R104	Ltr- DSBACKUP+, P. Cziffra
DSBACKUP+	R107	"LeadEdge"; From Design Software, PCs - W. Adney
DSKCOPY4.COM	L100	Insert: "Full-featured Disk Copying Program Review"
DSKCOPY v4	WEB	"Full-featured Disk Copying Program Review"
DSKLBL.BAS	R72	"DSKLBL.BAS..."; MBASIC, CP/M, HDOS, Z-89 - R. Boehlein
DSKLBL.BAS	R79	Ltr- DSKLBL...; Mods for GWBASIC, Z-100 - J. Nikolai
DSM85	B99.8	DSM85 8085 Disassmblr for CP/M85; Z-100 - Roger Marrotte
DSO138 Oscopoe	L133	Insert: "DSO138 Oscilloscope kit & Manual"
DSO150 Oscopoe	L138	Insert: "DSO150 Oscilloscope kit & Manual"
DS1216E Dallas	--	See SmartWatch, Fits under Z-100 ROM chip at U190
DUALPORT	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
DumBurner	B125.7	Software for DumBurner - Ross Custom Electronics
Dungeons&Dragn	R25	"DND and HDOS 2.0"; Make Bootable disk - P. Swayne
DUMP 80Tracks	R34	Ltr- Patch DUMP for use with 80 track drives
DUP17 Patch	R29	PPage- DUP17 Patch - Patrick Swayne
Dvorak Keybrd	--	See Keyboard - Dvorak
EASY EXTRA	R107	"EASY EXTRA is Easy WORDSTAR", R. Seiler, Only PCs
EasyI/O	L127	"UCI's Easy I/O Board"
EasyI/O	S28	"Z-100NB"; EasyI/O comms board - William Locke

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EasyPC	--	Z-100 PC Emulator Sys w/3 brds: Mnbrd, Floppy & Video
EasyPC	L88	"Operating EasyPC at 8MHz or faster"
EasyPC	R72	"Now I Can Run Flight Simulator" by J. Buszkiewicz
EasyPC	R76	"MSDOS Cmd Piping..."; No 96tpi Drvs allowd - W. Adney
EasyPC	R77	"UCI EasyPC Emulator Board"; Review - W. Adney
EasyPC	R79	"EasyPC for Z-100"; Review - M. Somers
EasyPC	R79	Ltr- EasyPC Emulation; Everything runs - T. Donovan
EasyPC	R82	Ltr- Injustice; Comments on Adney Review - C. Wiley
EasyPC	R83	Ltr- EasyPC Really Easy?; Chose Gemini - T. Carlisle
EasyPC	R90	Ltr- Defense of W. Adney; Comments on Wiley - W. Nabor
EasyPC	R94	Ltr- Not Everyone has Probs w/EasyPC - J. Eilers
EasyPC	S22	Ltr - Observations after installing 27 of these
EasyPC	S23	"Z-100NB"; UCI's EasyPC review - William Locke
EasyPC	S25	"IBM Emulation w/UCI EasyPC" by Wayne Rash, Jr.
EasyPC	S28	"Z-100NB"; EasyPC problems/fixes - William Locke
EasyPC	B110.2	UCI Announces EasyPC PC-Emulator at HUGCON - UCI Corp.
EasyPC	B120.6	Good Word for UCI's EasyPC - Timothy J. Donovan
EasyPC Comms	B122.6	Use HyperACCESS w/PC Emulators - Matt Gray, Hilgraeve Inc
EasyPC DiskPack	L21,23	Only 2 Want DiskPack Support for UCI EasyPC
EasyPC Mouse	CN3	"Using Mouse Pack w/UCI EasyPC & Gemini Emulator Sys"
EasyPC Woes	L128	"EasyPC Woes"; Repairing two EasyPC boards
EasyPC & CDR317	L127	"EasyPC & the CDR-317"; SCSI hard drive system
EasyRAM	S31	"Z-100NB"; Review - William Locke
EasyRAM Prob	L7	Q&A: UCI EasyRAM won't work w/RAMPAL upgrade?
EasyWIN	S31	"Z-100NB"; Review - William Locke
EasyWIN	B147,3	Info on EasyWIN HDrive Interface Card - Bob McClure
EasyWIN HDrive	B154.5	Add Hard Drive to Z-100; EasyWIN & Gemini - David Johanson
Easy87	S28	"Z-100NB"; UCI's Easy87 review - William Locke
Easy87 Kit	L16	"UCI 8087 Kit Available" from Quikdata Inc
EAT UM UP	L36	Insert: "EATUMUP"; ZBASIC program - Dick French
EAT UM UP	L38	"EATUMUP For Monochrome Monitors" by Bruce Ludlow
EAT UM UP	L39	Insert: "EATUMUP"; ASM Version - Robert Hassard
EC Editor	S37	"Z-200 Series"; EC Editor from 'C' Source - W. Locke
ECHO Command	L9	"ECHO a Blank Line in a Batch File"; ECHO.
ECHO.	R110	"Menu Screens"; Use Echo. for 'blank line' - M. Gage
ECI	L22	ECI (Electronic Concepts, Inc)-New Company-Fam Faces
ECO-C88	S23	"C Notes"; Ecosoft's Eco-C88 Rel 3.0 - Joseph Katz
ECO-C88 v4.0	S33	"Z-100NB"; Ecosoft's C88 Compiler - William Locke
ECO-C88 v4.0	S36	Ltr- Patching ECO-C88 CED for the Z-100
ECO-C88 v4.0	S37	Ltr Response - patching ECO-C88 CED is NOT necessary
ECO-C88 v4.0	S38	Ltr- Using CED w/Gemini & ZPC w/Scottie Board
EDIT Patch	R29	PPage- HDOS EDIT Patch - Patrick Swayne
EDIT19	R35	"...Review of Edit19"; Z-89 TxtEditor - A. Mclaughlin
EDIT19 PubDom	B135.1	EDIT19 Goes Public Domain - S & K Technology
EDIT.ASM Patch	R55	PPage- HUG Z-DOS Editor, EDIT.ASM, Patch
EDLIN	S22	"C Notes"; Make grafx screens w/EDLIN - Joseph Katz
EDLIN	S31	"EDLIN: An MS-DOS Lifeboat"; Review - William Adney
EDLIN Patch	R62	"LeadEdge"; Comments/patch on ZDOS EDLIN - W. Adney
EDT-85	B101.3	EDT-85 Full Screen Editor; CP/M-85 - R. Lucka, InchSoft
Education	S10	"Educational Software Roundup" by Frederick Zimmerman
ED48 Editor	S27	"Z-100NB"; ED48 Editor uses 48 lines/scrn - W. Locke
ED-A-SKETCH	R32	"Ed-A-Sketch & MBASIC" by C. Pepper
ED-A-SKETCH	S9	"Drawing on H/Z Computer: Ed-A-Sketch" by Lee Syer
ED-A-SKETCH	S11	Ltr- Additional info on rescuing pictures
ED-A-SKETCH	S25	"MBASIC Simulation"; Blood Press Reg - Robert Rasch
EEPROM Gemini	L19	Prob Using EEPROM Board w/Gemini, use newer ROM
EEPROM/SCSI	-	Also see LLSCSI & SCSI
EEPROM/SCSI	L10	"Bootable Memory Disk Contest"
EEPROM/SCSI	L13-15	"SCSI Host Adaptor"; Progress report
EEPROM/SCSI	L17	"Update"; LifeLine SCSI Board & Related Items
EEPROM/SCSI	L18	"New Product Update"; SCSI Board & other items
EEPROM/SCSI	L21	Discussion of CD-ROM support at the Get-Together
EEPROM/SCSI	L22-23	Probs btwn EEPROM & 8087 w/8088 Users, V20 OK, Was PAL
EEPROM/SCSI	L26-28	"LifeLine Bootable EEPROM/SCSI Boards"; 6 of 60 left
EEPROM/SCSI	L37	"Scottie Clock & LLSCSI Conflict"; With fix
EEPROM/SCSI	L52	Ltr- LLSCSI, Impremis/Seagate 450MB SCSI fine
EGAD	R119	Ad- Grafx & Text Screen Print Pkg for VGA, EGA, CGA
EGAPAIN	R109	"EGAPAIN2005"; Color HiRes draw pgm, PCs - F. Kent

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EMI	L81	"Tale of 2 Computers"; Interference affects Fdrives
Emulator	R60	"Op Sys Emulators"; HDOS, CP/M, Z-100 - Pat Swayne
Emulator	S26	"Write HwWare-Independ Term Emulator" by William Hall
Emulator, FDD	L133	Insert: "Gotek FDD Emulator User Manual"
Emulator, FDD	L134	Insert: "Gotek FDD Emulator Firmware & Hardware"
Emulator, FDD	L135	Insert: "Flash Floppy Gotek & Z-120" by Darrell Pelan
Emulator, FDD	L138	"Gotek Rotary Encoder Fix" by Charles Hett
Emulator, FDD	L141	Gotek Floppy Emulator News Update - Darrell Pelan
Emulator, FDD	WEB	"Gotek Floppy Disk Emulator Articles"
ENABLE	R90	Ad- ENABLE Pkg: WProc, Spreadsh, GrafX, Dbase, Comms
ENABLE	R92	"LeadEdge"; Software Group ENABLE, Z-100 - W. Adney
ENABLE	S30	"Z-100NB"; ENABLE review - William Locke
ENABLE Mouse	R120	"Mouse Capability for ENABLE"; Z-100&PC - E. Zimmerman
ENABLE Print	R147	"Print ENABLE's Gadgets", M. Packard, Gadgets in Tools
ENABLE Review	R91	"...Review Enable"; Software Pkg - G. Elwood
ENABLE Shorthnd	R106	"ENABLE, Its Shorthand Joys"; Z-100PC - D. Lirones
ENABLE2	R91	"Intro Enable 2.0..."; Z-100 Software Pkg - E. Zimmerman
ENABLE2	R97	"Enable 2.0 Revisited"; GrafX & Menu Gen - E. Zimmerman
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ENABLE2 5	R99	"Pt5"; Intermediate Word Processing
ENABLE2 6	R100	"Pt6"; Intermediate Spreadsheets
ENABLE2 7	R101	"Pt7"; Intermediate Database Management
ENABLE2 8	R102	"Pt8"; Advanced Word Processing
ENABLE2 9	R103	"Pt9"; Basic graphics capability for Spreadsheets
ENABLE2 10	R104	"Pt10"; Tutorial Advanced Database
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ENABLE2 17	R112	"Pt17"; Advanced Data Base
ENABLE3 1	R136	"ENABLE Revisited"; Spreadsheet, PCs - George Elwood
ENABLE3 2	R137	"ENABLE Revisit2"; Word processor capabilities
ENABLE3 3	R138	"ENABLE Revisit3"; Spreadsheet improvements
ENABLE3 4	R133	"ENABLE Revisit4"; Basic spreadsheet graphics
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ENABLE3 6	R139	"ENABLE Revisit6"; Database - a beginning
Encryption	S30	"C Notes"; OR.C: min encryption - Joseph Katz
Engineer Pgms	B70.4	Structural & Civil Engineer Pkgs; Z-100 - Omer Brodie
Engineer Pgms	B89.3	PLOTPRO (graph ptr) & SPP (Signal Proc Pgm) - BV Engin.
Engineer Pgms	B89.6	GRAFIT & FITFN for X-Y Plotting - Hawkeye Grafix
Engineer Pgms	B104.5	GRAFIT & FITFN v2.0 for X-Y Plotting - SciMed Analysis
Engineer Pgms	B93.4	ANTANA for Uni- & Multivariate Data Anal - H. Harpending
Engineer Pgms	B104.8	ANTANA v1.2 for Uni- & Multivariate DataAnal - H. Harpending
Engineer Pgms	B95.3	DCNAP - DC Network Analysis Pgm - BV Engineering
Engineer Pgms	B100.2	CADCHEM - AutoCAD Pkg for Chemical Engrs - MOMS Computing
Engineer Pgms	B110.7	LOCIPRO Root Locus Analysis Pgm - BV Engineering
Engineer Pgms	B110.7	LCSYN L-C Passv Filtr Design Util; ZBASIC - LCSYN Software
Engineer Pgms	B133.6	XFER - Transfer Function & Synthesis; Z-100 - BV Engineering
Engineer Pgms	B137.7	ACNAP3 - Electronic Circuit Analysis - BV Engineering
Engineer Pgms	B153.7	SPP - Signal Processing Pgm for PCDOS - BV Engineering
Engineer Pgms	B158.1	INTEXT v1.51 Scientific Word Processor - Huff Software
Engr Cirt Anal	B76.5	Circuit Analysis v2.0 for Z-100 - Pressure Applications
Engr Cirt Anal	B79.6	Elect Cirt Analysis (ECA) for Elect Engineers - Tatum Labs
EPROM Burner	L71	Ltr- Larry Correa has EPROM Burner, if needed
EPROM Pmgr	R12,13	"Build Your Own EPROM Programmer"; H8 - Patrick Swayne
EPROM Pmgr	R14	Ltr- Correction to EPROM - J. Gillogly
EPROM Pmgr	R75	"Review of ID-4801 EPROM Pmgr"; RS-232 - J. Buszkiewicz
EPROM Pmgr	S20	Notes- Heath's new ID-4801 EPROM Pmgr for 2500/2700
Epson FX/MX-80	--	See FX-80 or MX-80 listings.
Epson LQ-570e	L80	"H--ry -ot--- & the Magic Printer"; Review - Hank Lotz
Epson SD-680L	L42	Insert: "Dual/Quad Density Drive", Jumper settings
Epson SMD-1040	L42	Insert: "Dual/Quad Density Drive", Jumper settings

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Equations	R91	"Master Equations..."; PC Equation Master - C. Feuchter
Equations	R94	Ltr- ChiWriter for Sci...; Re EquatMastr - R. Ludeman
Equations	R111	"TK SOLVER Plus, Ptl"; Equation Solver - E. Wiggins
Error Trapping	S13	"Trap Errors w/o Losing Error Msgs" by Stan Lockhart
ESCAPE Codes	L8	Q&A: Can ESCAPE Codes be issued from keyboard? ECHO
ESCAPE Codes	L36,37	Insert: "Heath/Zenith and ZANSI ESCAPE Sequences"
ESCAPE Codes	WEB	"Heath/Zenith and ZANSI ESCAPE Sequences"
ESCAPE Codes	L38	"Lotus 1-2-3 & WordStar Comments" by Bruce Ludlow
ESCAPE Codes	L47	"Printer Ctrl Code Routines", Send codes w/o using BASIC
ESCAPE Codes	L52	Insert: "ZBASIC ESCAPE Codes"
ESCAPE Codes	R40	"ESCAPE with FORTRAN and PASCAL" by J. Sams
ESCAPE Codes	R45	Ltr- Standardize ESCAPE Code Use - W. White
ESCAPE Codes	R95	"Understanding Printer ESCAPE Codes" by Steven W. Vagts
ESC Codes ANSI	R65	"ANSI, Std Screen Interface..."; H/Z Comps - G. Roberts
Escape Game	L5,6	"Escape from Warehouse"; ZBAS Listing - Thierry Klein
ESDI HD Ctrlr	S36	"WinWorld"; ESDI hard disk ctrlr - J. Richard Hines
ESP RemotAcces	B100.1	ESP - Remote Access to H/Z CP/M Comps - Software Wizardry
ESR Cap Tester	L130	Insert: "Mega328 LCR-T4 ESR Transistor Tester" Kit Testing Capacitor ESR (Equivalent Series Resistance)
ETA-3400	R05	"...ETA-3400 MicroProc Trainer Accessory" by L. Frenzel
ETA-3400 Mem	R08	"ETA-3400 Memory Mod" by J. Gregory
ET-100 Drive	R77	"1.2Mb Drives..."; ET-100 similar to Z-100 - Pat Swayne
ET-100 Drive	R86	Ltr- 1.2Mb drives...; Teac FD-55G drive - K. Goto
ET-100 RAM	R73	"768k in the ET-100"; Reqs Mod - Pat Swayne
ET-100 RAM	R77	"768k Update"; Correction - Pat Swayne
ET-100 Trainer	L15	"Use MTR-100 v3 in ET-100"; Req's Mod - Dwain Henderson
ET-100 Trainer	B113.1	A 768K ET-100, Thanks to FBE Research - Charles Petak
ET-3400 BASIC	R07	"ET-3400 & Tiny BASIC"
ET-3400 BASIC	R15	"Tiny BASIC Tricks"; TIC-TAC-TOE game - G. Brown
ET-3400 Check	R11	Ltr- ET-3400 Checkbook Valid pgm; TinyBASIC - G. Brown
ET-3400 Check	R14	Ltr- ET-3400 Checkbook Valid pgm - G. Brown
ET-3400 RR Game	R19	"Russian Roulette..."
ET-3400 HomeCtl	R13	"Home Control w/ET3400"; BSR HomeCtrlSys - M. Frieders
ET-3400 HomeCtl	R16	"More Home Ctrl w/ET3400"; Mods - M. Frieders
ET-3400 Morse	R09	"ET-3400 Morse Code Reader"; Add Circuit - L. Graue
ET-3400 Morse	R14	"ET-3400 Morse Code Txmtr"; Add Circuit - A. Wolach
ET-3400 Morse	R17	Ltr- Errs to 'Morse Code Txmtr' - L. Aamodt
ET-3400 RTTY	R04	"Reading RTTY on ET3400"; Add Circuit - L. Graue
ET-3400 SS-50	R21	"Interface Your ET-3400 to SS-50 Bus" by G. Kelm
ET-3400 Voice	R22	"Give Voice to Your ET-3400" by J. Hubbard
Everex 3000	R142	"Add Expanded Memory..."; PC AT - D. Jerome
Evryware Games	B77.3	Evryware HDOS & CP/M Games Sold by Software Toolworks: Missle Control, Galactic Warrior, Y-Wing Fighter, Space Odyssey, Exterminator, Y-Wing II, Zeetle-Deet
EXCEL	S35	"WinWorld"; MS EXCEL spreadsheet - J. Richard Hines
EXCHGR8.BAS	L51	Insert: "EXCHGR8.BAS"; Calcs data avg - Mueller-Herget
Expanded Mem	R110	BugZap, Pg31, Expanded Mem explained for 80286 AT
Expanded Mem	R113,136	"LeadEdge"; HDrive & ExpandMem in DOS3.3+ - W. Adney
Expanded Mem	R139	"LeadEdge"; UMBS =1st 6 blocks >640k ExpMem - W. Adney
Expanded Mem	R120	"...Use EMM.SYS"; EMM.SYS Expand Mem DevDrvr - W. Adney
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Expanded Mem	R136,137	"Breaking the...DOS"; Use of expanded/extended memory
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Expanded Mem	R142	"Add Expand Memory..."; Everex 3000 Delux - D. Jerome
Expanded Mem	R143	"Clearing Up the Memory Mystery" by Pat Swayne
Expansion Mem	R123	"LeadEdge"; Memory above 640k - W. Adney
ExpressPCB	L94	"ExpressPCB Circuit Board Making Software"
Express-12	S37	"Z-150 Series"; Z-150/151/158 12MHz - Russell Letson
Extended Mem	R110	BugZap, Pg31, Extended Mem explained, XENIX 80286 AT
Extended Mem	R136	"LeadEdge"; Expanded vs Extended Memory - W. Adney
Extended Mem	R139	"LeadEdge"; HMA is first 60K block ExtMem - W. Adney
Extended Mem	R143	"Clearing Up the Memory Mystery" by Patrick Swayne
EZPLOT	R74	Ltr- Purcsd EZPLOT...; Patch for Gemini Ptrs - T. Riggs
EZPLOT	R82	Ltr- EZPlot Probs; Z-148, ZVM1240 - D. Schechter
EZPLOT	R96	Ad- EZPLOT (885-6003-37), Epson MX or FX Ptr, PCs
E-Mail	--	LifeLine e-mail addr: z100lifeline@swvagts.com

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FASTBACK	R104	"Review of FASTBACK PLUS"; HDisk Backup - Pat Swayne
FASTBACK Plus	L2	"Fastback Plus: A Review" by Glenn D. Faini
FASTCOPY Pgm	L15	"FASTCOPY: Exercise in BIOS Disk Pgm", w/ASM listing
FASTCOPY Pgm	L16	Feedback: "FASTCOPY", Corrections to Listing
FASTIO	R68	"FASTIO Patch"; HUG 885-3025 bug - Pat Swayne
FASTIO	S21	"C Notes"; FASTIO doesn't run some 'C' pgms - J. Katz
FAT	L27	Feedback: "The 2nd FAT", RECOVER uses
FAX Modem	L25	Ltr- Two possible alternatives for FAX Modem
FBE Config	L20	"FBE Config Master" Custom CONFIG.SYS & AUTOEXEC.BAT
FDD211 Canon	R77	Ltr- Upgrading Z-89 Prob w/Canon 48tpi FD - J. Lee
FDD-200-8P	B97.8	Siemens FDD-200-8P 8" Drives on the Z-100 - Mark Wolinsky
FD505 Teac	L76	Insert: "Teac Dual Density Floppy Drive"
FD505 Teac	WEB	"Teac Dual Density Floppy Drive"
FDISK	L97	Insert: "Preparing IDE Hard Drive Using a PC's FDISK"
FDISK	WEB	"Preparing an IDE Device Using a PC's FDISK"
Fibonacci #s	R53	"FavSub"; MBASIC for first 30 Fibonacci #s - G. Holt Note: Fibonacci Sequence is a series of numbers where each number is the sum of the two preceding ones, starting from 0 & 1.
File Compresn	S34	"Eight-Bit World"; File compression - Walter Janowski
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File Conversn	R89	"Convert HDOS MBASIC to Other MBASICs" by K. Thompson
File Mgmt	R42	"Keyword-based Filing/Retrieval"; Z-89 - J. Tysinger
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File Mgmt	R49	"Files & File Handling" by David Warnick; See MBASIC
File Mgmt	R74	"Files, FATs & Dirs"; DOS, Z-100 & PC - W. Adney
File Mgmt	R75	"Subdir & Cmd Pathing"; DOS, Z-100 & PC - W. Adney
File Mgmt	R76	"MS-DOS Cmd Piping & I/O Redirection, P1" by W. Adney
File Mgmt	R80	"MS-DOS I/O Redirection, P2"; Z-100 - W. Adney
File Mgmt	R80	"Hi-Tech File Handler"; Dynamic Indexed... - R. Pearce
File Mgmt	S9	"Disk & File Management" by Dean Gibson
File Mgmt	S14	"File Mgmt Under Lucidata PASCAL" by Donald Risher
File Mgmt	S16	"Z-100NB"; VFILER Utility - Alison Phillips
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File Recovery	R19	"Recovering Deleted File"; Uses DUMP - D. Harton
File Recovery	R21	Ltr- This 'Rec Del File' won't always work - D. Harton
File Recovery	R45	"...Recovering Deleted Files"; HDOS - C. Webber
File Recovery	R48	Ltr- Patches to Webber article "...Deleted Files"
File Recovery	R49	Ltr- Corrections to his article - C. Webber
File Recovery	R76	"Recover Lost File"; RECLAIM.BAS, ZDOS, Z-100 - F. Kent
File Recovery	R127	"MS-DOS File Recovery"; MS-DOS File System - G. Horst
File Recovery	S15	"Salvage Mem Content in CP/M or MS-DOS" by David Felstul
File Search	L3	"FIND: Simple Pgm to Search Files for Text String"
File Sorter	R51	"DISKSORT, Speedy File Sorter"; For many OS - R. Rumpf
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File Transfer	R63	Ltr- Response to File Txfer issue
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File Transfer	S38	"Data Txfer between Z-100 & Z-180" by Bruce Savaglio
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File Transfer	S39	"Z-150 Series"; ZIP serial file txfer - Russell Letson
File Transfer	S39	"Z-200 Series"; SOFTERM PC file txfer - William Locke
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File Transfer	B152.3	BROOKLYN BRIDGE File Txfer Util; 9- or 25-pin Serial Ports
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FIND Program	L3	"FIND: Simple Pgm to Search Files for Text String"
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FIXPRT Patch	R67	PPage- Missing FIXPRT Pgm from 885-3025-37 disk.
FLAGS.COM	S20	"Z-100NB"; Using ATTRIB & FLAGS - Alison Phillips
Flea Market	S33	"Shaggy Dog FleaMart & Galactic Computerama" by Lee Hart
Flexitek	R71	"Tektronix 4010 Emulation"; VGRAPH, Z-100 - J. Lee
FLEXI-GRAPH	L3	"Z-100 Graphics Libraries"; A comparison
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Flight Simulat	R59	Ltr- Z-100PC Hrdwre Mod to Improve...color - ZDS
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Floating Point#	R144	"...Floating Point Numbers"; BINary & BCD - D. Hind
		Note: The Floating Point Processor is a 'Co-Processor'
Floppy Ctrlr	--	See Z-207 Floppy Controller
Floppy Disk	R16	"Safe Disk Reset"; DISMOUNT vs RESET - Pat Swayne
Floppy Disk	R23	"Sector Zapper"; Using Hard Sector disks, Z-89 - R. King
Floppy Disk	R23	Disk Options for the H/Z-89
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Floppy Disk	WEB	"Floppy Drive Primer" & "Floppy Drives"
FlopDisk Emul	-	See Gotek FDD Emul
Floppy Dsk Upd	R140	"H/Z Useful Upgrades" by H. Fale
FDrive Z-100	L22	"Floppy Drive...", Types, Jmprs, DrvSel, MotorOn, RDY
Flop Emulator	L138	"Gotek Rotary Encoder Fix" by Charles Hett
Flop Emulator	L133	Insert: "Gotek FDD Emulator User Manual"
Flop Emulator	L134	Insert: "Gotek FDD Emulator Firmware & Hardware"
Flop Emulator	L135	Insert: "Flash Floppy Gotek & Z-120" by Darrell Pelan
Floppy Envelop	L5	"Floppy Envelope Collecting?"
Floppy Errors	L42	Insert: "FSBullet Z-100-019", Z-120 HD causes FD errs
Floppy Shields	B91.4	Heath MuMetal Shield w/Mitsubishi 96 tpi Drvs - T. Kinsella
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Floptical Drv	L28	"Floptical Support Included" w/SCSI Software Update
FlowChart	R65	"Neat Flowchrts w/Symbol Lib"; PIE, WS, Z-89 - C. Pepper
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Font Editor	R50,54	Ltr- Comments and mods to "Z-100 Font Editor"
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Formula Pgmg	B154.7	Colorful Patterns Frm Simple Equats; Cartesian Geometry
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FORTH	R26	"Configure Your FORTH for n-Drives"; CP/M - G. Hatdon
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FORTH BaseCvsn	R18	"Number Base Conversion in FORTH" by G. Haydon
FORTH Patch	R29	PatchPage- SAVE command not working under CP/M 2.2.03.
FORTH Pgmg	S12	"Forth Goes Heath/Zenith" by Brian & Christine Ence
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FORTRAN	R70	"FORTRAN Formula-5"; More Array magic & Moving Avgs
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Freq Gen Kit	L130	Insert: "GM328 Transistor Tester & Freq Generator" Kit
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FX-85 Update	R81	"Epson FX-85 Update" by R. Mueller
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Games InfoCom	L4	"Running InfoCom Games on Z-100" by R. Biggerstaff
Games Software	S8	"Games Roundup" by Frederick Zimmerman
Games Software	S32	"Computer Games:..."; Jim's War - James Illman USS Fast Attack, & Vega-Bound
GATO Sub Game	R56	"High Seas Adventure..."; Game, Z-150-PC - R. Rumpf
GBS-8200	L141	"GBS-8200 CGA to VGA Video Adapter Update"
GBS-2019	L126	Insert: "GBS-8219 RGB to VGA Converter" by Charles Hett
GBS-2019	WEB	"GBS-8219 RGB to VGA Converter" by Charles Hett
GBS-82xx	L126	Insert: "GBS-82xx CGA to VGA Converter" by Charles Hett
GBS-82xx	WEB	"GBS-82xx CGA to VGA Converter" by Charles Hett
GC-1000 Clock	R48	"Interface GC1000 Accurate Clk to Z-100" by J. Schuster
GC-1000 Clock	B83.8	H/Z-100 Time & Date, using a Heathkit GC-1000 clock kit
GC-1000 Clock	B84.7	H/Z-100 Time & Date update; Heathkit GC-1000 clock kit
GC-1000 Clock	R95.4	Improvements to Heath's GC-1000 Clock - Ralph W. Boyd
GC-1000 Clock	B114.5	More Improvements to Heath's GC-1000 Clock - Ralph Boyd
GC-1000 Clock	R63	Ltr- GC1000 Mod, Port issues, Z-100 - C. Blakley
GC-1000 Clock	R65	Ltr- Z-DOS2 & GC-1000 Clock; Patch, Z-100 - B. Gabner
GC-1000 Clock	R66	Ltr- Mods to use also use Port A - C. Kingston
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Gemini	R76	"MS-DOS Cmd Piping..."; No 96tpi Drvs allowed - W. Adney
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Gemini	R82	"Config Z-120 w/Gemini..." by A. Schopp
Gemini	R83	Ltr- EasyPC Really Easy?; Chose Gemini - T. Carlisle
Gemini	S24	"IBM Emulation w/Gemini Board" by Wayne Rash
Gemini	S25	Gemini Update - Gemini Sound Board & other products
Gemini	WEB	"Gemini PC Emulator Board" User Manual
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Gemini Boot	L29,30	Q&A: Gemini won't boot until Z-100 Boot 1 st
Gemini Boot	L32	Ltr- Miniscribe model 2012 won't boot; Pgmng plug
Gemini CDR317	L127	"Gemini & the CDR-317", SCSI hard drive system
Gemini Comms	B122.6	Use HyperACCESS w/PC Emulators - Matt Gray, HilgraeveInc
Gemini Cradle	L17	Gemini Offerings: Cradle (S-100 to PC Buss Adaptor)
Gemini DOS	L2	"DOS Version Problems w/Gemini Board"
Gemini EEPROM	L19	Prob Using EEPROM Board w/Gemini, use newer ROM
Gemini HDisk	L13	"Difficulty accessing Hard Drive in PC mode"
Gemini HDisk	L16,17	"Using Gemini PC Emulator w/Hard Disk"
Gemini HDisk	L18	"Gemini Board/HDisk Feedback"; Gemini Part anywhere
Gemini HDisk	L19-20	FeedBack: Gemini Partition 17Mb size limit
Gemini HDisk	B154.5	Add HDrive to Z-100; EasyWIN & Gemini - David Johanson
Gemini HDisk	B157.4	Add HDrive to Z-100 w/Gemini PC Emulator - John Osberg
Gemini Mouse	CN3	"Using Mouse Pack w/UCI EasyPC & Gemini Emulator Sys"
Gemini PC-Emul	WEB	"Gemini PC Emulator Board" User Manual
Gemini PC-Emul	B105.7	Gemini for Z-100, Req's PC-DOS - San Diego Scientific
Gemini PC-Emul	B107.4	Eval of D.E.L. Gemini PC Emulator Board - David Chapman
Gemini PC-Emul	B107.6	More on Gemini Board for Z-100 - San Diego Scientific
Gemini PC-Emul	B112.5	Liberty International Receives Gemini - Liberty Int'l
Gemini PC-Emul	B141.3	User Learns SmartWatch Goes on Gemini Board - C. Baker
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Gemini Prob	L4	Q&A: Gemini won't run properly at 7.75 MHz?
Gemini ROM	L26	"Gemini ROM Stuff From Lindley" by Lindley Systems
Gemini ROM	L37	* GEMINI Owners *...; New ROMs being developed
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Gemini Tech	B112.5	Gemini was DEL Profsnl Sys, now Gemini Technologies, Inc.
Gemini vs ZPC	B113.1	Testing PC Compat: Swayne's ZPC vs. Gemini - W. Tavolga
Gemini Video	L17	SuperQuiz: Why 64K video chips req'd to boot PC-side?
Gemini Woes	L128	"Gemini Woes", Discussing replacement ROM chips
Gemini WP5 Pm	L32	Ltr- Under WordPerfect, Caps Lock key doesn't work?
Gemini WP5 Pm	L38	Column 1, center: Caps Lock fix given
Gemini 8 MHz	B120.4	Frustrate Run Gemini @ 8MHz; WS2 jmpr - William Tavolga
Gemini 10 Ptr	B67.2	Use Gemini 10 Printer w/CP/M, connection issue fix
Gemini 10X Ptr	R57	Ltr- Gemini Opts Exposd; Req's Mod Z-89 Cable - C. Wilson
Gemini 10X Ptr	R76	Ltr- Gemini Doesn't Put Slash Zero; BASIC Pgm - H. Peery
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GEMWIN	B116.1	Access All HD Parts fm Gemini Z-100 Mode - J.J. Thompson
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GENIE	S21	"C Notes"; Genie and Whiz on Z-100 - Joseph Katz
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GetTogether'93	--	Chicago, IL: Issues #23, #24, #26, #27, #28
GetTogether'95	--	Norfolk, VA: Issues #38, #39, #40; cancelled
GIF Files	CN19	"What are GIF Files?"
GIFZ100 GfxVwr	R130	"Graphics Viewer for Z-100"; GIF Image Format - G. Elder
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GNO.EXE	L45	"ZUMI", What is GNO (Generalized Network Optimizer)?
GOUTTE Game	L8	"Z-100 Game Using Char Grafx"; 'Drop' Pgm - Thierry Klein
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Gotek FDD Emul	L141	Gotek Floppy Emulator News Update - Darrell Pelan
GRAFIX25	R31	GRAFIX25, a BASIC pgm listing grafx chrs on screen, Z-89
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GrafX Optimized	S12,14	Ltr- Additional comments
GrafX Optimized	S17	Ltr- Provides minor correction to the program
GrafX Routine	S11	Ltr- OPTICAL.BAS by Edward Byrnes - optical illusion
Graphics Viewer	R130	"Graphics Viewer for Z-100"; GIF Image Format - G. Elder Note: GIF is Graphics Interchange Format
Graphics Z-100	R52	"Computer GrafX ..."; Video Ctrl, Pixels, ASM - R. Meyers
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HDisk PART	L82	"Don't Use '/' Character in Partition Names"; Z-100
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HDisk PREP	B146.4	Help w/ST-251 PREP; add 22uF Cap to 5Vdc Line - Ivan Cooper
HDisk PREP v4	L101	Insert: "PREP v4 Documentation"
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H-120 Kit	S7	"Building Heathkit's H-120" by Hurley Cook
H-161 Review	R59	"Heath Rel First Comp Kit..."; Z-161 - J. Buszkiewicz
H-1000 Mainbrd	R46	Ad- H-1000 Z80 Mainbrd Upgrade for H/Z-89 - TMSI
H/Z Computers	S30	"...Ten Years of H/Z Computers" by Peggy Wallace
H/Z Evolution	R61	Ltr- Evolution of Heath Computers - D. Shoemaker
H/Z Model #s	R112,120	"LeadEdge"; H/Z Computer Model/Series #s - W. Adney
H/Z Model #s	--	Look up model by its "Z" number below
IBM Compatible	S35	"IBM Compat. & Zenith User"; Survey - Mark Reishus
IBM Compatible	--	Also see DOS Compatible
IBMPC Interface	R122	Interface to IBM PC"; CDR Microdevices Brd - L. Wilson
IBMPC Compat	R130	"What...? Pt1"; How compatible is a PC-Clone? - D. Lind
		Note: IBM Compatible is based on 80xxx series of CPUs.
IDE AutoBoot	L125	"Setting IDE AutoBoot"
IDE CF Card	L113	Insert: "Z-100 IDE Dual Compact Flash (CF) Configure"
IDE CF Card	L125	"IDE Compact Flash Testing & Availability"
IDE Controller	L91	"Description of new IDE Controller Card"
IDE Controller	L109	"First Operational IDE Controller in a Z-100"
IDE Controller	L114	Insert: "IDE Ctrlr Chip Design/Progmng" by Charles Hett
IDE Controller	L132	"IDE Controller Refresher" & Utilities
IDE Controller	L136	"Last Z-100 LifeLine IDE Controller!", sold out
IDE Controller	WEB	IDE Controller Articles on the Website
IDE Ctrlr Desgn	L115	Insert: "IDE Intrfac & NVsRAM Brd Design" by C. Hett
IDE Ctrlr Desgn	L118	Correction: Minor error to NVsRAM outline
IDE Ctrlr Desgn	L118	Insert: "ZIDE NVsRAM Desc & Build Inst", Charles Hett
IDE Dev Dvr	L96	"Proposed IDE Device Driver for IDE Controller"
IDE DOM	L113	Insert: "IDE CF Disk on Module (DOM)"
IDE DOM	L118	"Case of the Dumb DOM (Disk on Module)"; Unstable RAM
IDE Hard Disk	L97	Insert: "Preparing IDE Hard Drive Using a PC's FDISK"
IDE NVsRAM	L132	"IDE Controller NVsRAM died"
IDE NVsRAM	L141	"IDE NVsRAM Internal Battery Died!"
IDE NVsRAM Pgm	L136	"Reprogramming the IDE Controller NVsRAM"
IDE Proposed	L85	"A Z-100 IDE Hard Drive Controller?"
ID-4801 EPROM	R75	"Review of ID-4801 EPROM Pgm"; RS-232 - J. Buszkiewicz
ILLUSTRATOR	S17	Ltr- ILLUSTRATOR requires minimum 192k RAM in Z-100
ILLUSTRATOR	S17	Notes- ILLUSTRATOR draws super heros & other graphics
ILLUSTRATOR	B104.3	ILLUSTRATOR Graphics Design Pkg for Z-100 - Wizard Software
IMAGE ACE 2	CN3	"Image Ace II Video Capture Sys for PC Clones"
Image Process	B149.6	ZIP - Z-100 Image Processing Utility - Hogware Company
IMAGE Review	S4	"IMAGE: A Word & Picture Processor" by Hal Glatzer
ImageWise	S34	"Z-100NB"; ImageWise Serial Imaging - William Locke
IMAGER BkUp	R94	"Real Men..."; IMAGER Video Tape Backup - J. Buszkiewicz
IMAGER BkUp	B152.4	IMAGER BackUp Util Uses Vid Cassette Recdr - Autofax Corp

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IMAGER BkUp	R98	"IMAGER Backup"; Video Tape Backup, PCs - Joseph Katz
IMAGER BkUp	R107,119	"LeadEdge"; Video Tape Backup, PCs - W. Adney
IMAGER BkUp	R131,134	"LeadEdge"; Thoughts; #134- Out of Business - W. Adney
ImagInry SubDir	R89	"Help for WordStar..."; SCOUT Assigns ImagSD - Ami Atir
IMAGINATOR	R38	"Imagination Gone Wild!"; HiRes Z-89 - J. Buszkiewicz
IMAGINATOR	S18	Ltr- Not compatible w/H-89 UltraROM used w/clock
IMAGINATOR	S19	Ltr- Requires original H-89 Terminal Logic board/ROM
Inboard 386/PC	R118	"Install Intel Inboard 386/PC in Z-150", D. Caranci
Inboard 386/PC	R126	Ltr- Re Inboard 386; Mistakes & omissions - D. Caranci
Index Disk	L22	LifeLine References
Index LifeLine	L85	Insert: "Index of "Z-100 LifeLine" thru #85"
Index LifeLine	L100	Insert: "Quick Index Card for LifeLines thru #100"
Index Magazines	WEB	Index to Z-100 Periodicals
Index Sextant	L88	Insert: "Index of all "Sextant" issues: 1982-1989"
Index Sextant	S27	Index to "Sextant" #1-#26
Index Sextant	S39	Index to "Sextant" #27-#38
InfoCom Games	L4	"Running InfoCom Games on Z-100" by Roland Biggerstaff
InfoCom Games	L27	"Lost Treasures of InfoCom"; Sets of 20/13 games
INFORMER	R80	"...Desktop Utils"; Genie, Whiz, Z-100 - H. Friedman
INFORMER	S20	"...Five Z-100 Desktop Utils" by David Felstul
Insect Repel	R75	"Plight of Roach"; Z-100PC GWBASIC - J. Borlowinski
Insect Repel	R77	Ltr- Jed's Cockroach...; Mods - J. Kruthers
INSET	R118	"Software Potpourri"; INSET Txt/Gfx, PCs - R. Hudson
Installation	R54	"Installing Your Business Computer" by D.C. Shoemaker
INSTANT HELP	R52	"Help Is Here"; Review - J. McGraw
INSTANT RECALL	R135	"Get Start w/Instant Recall" by A. Neibauer
Integrated Sftw	--	See each package; e.g. Lotus, Peachtext, ENABLE
Intelliburner	S17	"...Software-Controlled PROM Progming" by Thomas Fox
IntelliBurner	B87.3	IntelliBurner Microprocessor EPROM Progmr - J.D. Ross
IntelliBurner	B104.2	IntelliBurner+ EPROM Programmer - J.D. Ross
IntelliBurner	B125.7	Software for IntelliBurner - Ross Custom Electronics
IntelliBurner	B132.5	IntelliBurner Supports Add'l Chips - Ross Custom Elect
Intelligence	S3	"Experiment w/Artificial Intell..." by John Mays
Interference	L81	"Tale of 2 Computers"; Interference affects FDrives
Interlace Video	--	See Z-100 Interlace or Z-100 Video
Interlace Video	WEB	"Z-100 Interlaced Video"; Insert to L139
Interleave	R97	"LeadEdge"; Explains Hdisk Interleave - W. Adney
Internet	L48	"OnLine Services": Mike Zinkow's exploits online
INTERROGATOR	R62	Ad- Dyson Interrogator Drive Diags Pgm for Z-100
Interrupt	L6	"Interrupts & I/O Ports..."; Z-100 Interrupt Table
Interrupt	L32	"Request for Z-100 Interrupt Info & S-100 Cards"
Interrupt-Wild	L41	Ltr- MTR-ROM v3 & v4 returns to hand prompt
INT 10h	L24	"PC GrafX Chars..."; PC Uses INT 10h Calls, DOSINT10
INTEXT1.51	B158.1	InText v1.51 Scientific Word Processor - Huff Software
Irwin 445 Tape	L75	TapBackupProb: Set AUTOEXEC DOS environ; SET EZ DDD=1
IR-5208 Plotter	B100.8	Heath IR-5208 Digital HiRes GrafX X-Y Plotter - Heath Co.
I/O Interface	L63	Insert: "Z-100 Software Interface"; IO.SYS
I/O Ports	L6	"Interrupts & I/O Ports..."; Z-100 I/O Port Assignmts
Janus ADA	R69	"Search for a Language..."; Langs compared - L. Hansen
JAVELIN	R87	"ZPC Patch#15"; Patch Javelin for ZPC - Pat Swayne
JAVELIN	R89	Ltr- JAVELIN.OVL; Overlay Patch; ZPC - V. Reisenleiter
JHMODEM	L14	"Computer-to-Computer Comms, Three Programs"
JHMODEM	CN20	JHMODEM: Modem Comms Pgm for Z-100
JHMODEM	L17	"JHMODEM Update: CompuServe Support"
JHMODEM	L34,39	"Z-DOS 4.01 Bugs"; Upon starting JHMODEM, scrn blanks
JHMODEM Patch	L42	"JHMODEM Fix" from John Beyers
Johnson	R34	Interview w/Bill Johnson, President, Heath Co.
Joomla! CMS	L129,130	Joomla! Installation for new Z100 LifeLine Website CMS - Content Management System (Database)
Joystick	L55	"Joysticks on the Z-100?"
Joystick Patch	B69.3	Define HOME 0,0 for H/Z GrafX; joystick - Fred Pospeschil
Joystik-PSC100	L4	"Gernware PSC-100 Programmable Sound & Ctrl Board"
Juki MagicWand	R55	Ltr- Patches configure Juki 6100 to MagicWand, Z-89
Juki 6100 Ptr	R74	"Close Look at Juki 6100 D.Wheel Ptr" by D.C. Shoemaker
Juki 6100 Ptr	R80	Juki 6100; IBM Selectric II ribbons - A. Wilkins
Julian Date	--	See Date Conversion
JULY4TH.BAS	L47	Insert: 'JULY4TH.BAS'; ZBASIC Fireworks - Steven Vagts

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Jumpers Z-100	L79	Insert: "Z-100 User Configs"; Appendix I, User's Man
Jumpers Z-100	WEB	"Configuring the Z-100, Appendix I"
JUPITER	B148.1	JUPITER DBase Mgmt Pgm; Powerline Systems - Eugene Kiehl
JUPITER	S34	"Z-100NB"; Jupiter database system - William Locke
JUPITER v2.2	S37	"Z-100NB"; Jupiter v2.2 for Z-100 - William Locke
JU253T Drive	S34	"Z-150 Series"; Panasonic 3.5" 720kb - Russell Letson
JX Printer	S39	"Add More Chars to Old Epson Printer" by Joseph Gonzalez
KAL1000	S31	"Z-100NB"; Network w/KAL1000 & ViaNet - William Locke
Kansas Colleges	B73.6	7 Kansas State Colleges pick Z-100 for fall '83 students
Kaypro<->Z100	B78.7	Zenith Z-100/Kaypro File Transfer Utility, DISK-TRAN
KENO.BAS	L71	"Corrections to ZBASIC Games"; Video probs
KERMIT	B88.1	KERMIT Public Domain File Transfer Pgm - Hugh Kenner
KERMIT	B92.3	KERMIT Public Domain File Transfer Pgm - Arthur Seebach
KERMIT	B94.4	KERMIT Cable RS-232 Mods for Z150<-->H89 Ops - Glenn Roberts
KERMIT	B95.3	KERMIT Cable RS-232 Mod for Transfer Ops - Norman Weatherby
KERMIT	R114	"Inexpensive Software for Z-100"; Comms - G. Elder
KERMIT Guide	R88	"...Guide to Kermit"; File Txfer, Z-100 - V. Alfieri
KERMIT2.31	B155.7	KERMIT v2.31 PDomain File Txfer Pgm - Columbia University
KERMIT2.31	B156.4	KERMIT v2.31 Runs on Z-100 w/Scottie Board - James A. Lupo
KERMIT3.12	L29	"Z-100 KERMIT Version 3.12"; Z-100 Comm Pkg - Bo Gedda Public Domain, From Columbia University, w/source
Key Repair	--	See Repair Key
Keyboard	L1	"Versatile Keyboard Input Routine"
Keyboard	R94	"LeadEdge"; IBM vs Zenith keyboards - W. Adney
Keybrd Dvorak	R89	"Convert Keyboard to Dvorak"; Z-100 - G. Roberts
Keybrd Laptop	R142	"Full-size Keyboard on Laptop"; FSKBD - Pat Swayne
Keybrd Map	L17	"Remapping the Z-100 Keyboard"; KEYMAP pgm
Keybrd MatrX	L76,77	"Inop Keyboard Key"; Keyboard matrix, schematic
Keybrd Mod	L57	Insert: "Separate Keyboard for Z-100"; Project
Keybrd Modes	L27	"Z-100 Keyboard Modes"; Two hardware & three software
Keybrd NumLock	R110	"...NumLock Key"; Kill NumLock on Start - R. Metz
Keybrd NumLock	R120	"NumLock Off"; Expand Metz NumLock Pgms - B. Hall
Keybrd Repair	WEB	"Keyboard Key Repair"
Keybrd Templat	L12	Keyboard Templates Available from Kirk Thompson
Keybrd Upgrade	R112	"LeadEdge"; PC Keyboards & Differences - W. Adney
Key Click	S8	Ltr- Silencing the Z-100 Key Click
Key Click	S8	"Get into Z-DOS Assembly Language..." by D.C. Shoemaker
Key Click	S9	Ltr- Another, simpler method of silencing key click
Key Click	S12	Ltr- Silencing key click in Peachtext 5000
Key Click	S12	Ltr- Silencing key click using AUTOEXEC.BAT
Key Click	S17	"DEBUGging Z-100 Key Click" by Kenneth Van Wyk
Key Click	S18	Ltr- Use PROMPT to silence key click
Key Click	S29	"...Another '100 Key Click Pgm!" by John Davis
Key Click	B84.8	"The Quickest Way to Quiet"; 4-byte file - Alan Moffet
Key Code Chart	L105	Insert: "Key Code Chart for FONT"
KEYENTRY III	B107.7	KeyEntry III Data Entry Software - Southern Comptr Sys
KEY PUBLISHER	R143	"Budget Desktop Publish..." by Patrick Swayne
Key Repeat	S17	"Add Auto Key Repeat to '89/19" by Ray Albretson
Key Repeat	S18	Ltr- Correction to key repeat circuit for '89/'19
Key Repeat	S19	Ltr- More corrections to key repeat figures & tables
Key Repair	--	See Repair Key
KEYMAC	S32	"Z-100NB"; Letting keyboard do work - William Locke
KEYMAP Patch	R44	PPage- KEYMAP not working under CP/M 2.2.02.
KEYMAP Patch	R45	PPage- KEYMAP use with WordStar
KEYMAP Patch	R63	PPage- To work with Z-DOSv2.13 - Patrick Swayne
KEYMAP Patch	R67	PPage- Corrects last ASM code, JZ for JNZ & reverse
KEYMAP Patch	R75	PPage- Z-DOS3 Wrong Vers Err 885-3010-37
KEYMAP Patch	R78	PPage- Typo error in R75 KEYMAP patch
Kids & Comptrs	S8	"Kids & Computers:..." by Frank & Mary Lynn Hutchison
KitBuildJournl	B131.2	"Kit Builder's Journal" Announced by Heath Co.
Kitchen Z-100	L67	"Unique Z-100 Christmas Challenge"; Kitchen helper
Kit H-120	S7	"Building Heathkit's H-120" by Hurley Cook
Kit H-120	S8	Ltr- Another view of H-120 building
Kodak 5Mb FD	L5	"Kodak 5-1/2", 5.5 MegaByte Floppy Drive" by J. Pierce
Kodak 5Mb FD	R128	"5.5MB FDrive, Z-100"; Kodak 5.25", 384tpi - G. Elwood
Kodak 5Mb FD	R124	"6.6Mb FDrive..."; Kodak 5.25", 384tpi - S. Shapiro
Konan KDC-2000	L3	Q&A: Info on Konan KDC-2000 Hard Disk Controller

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KXP-1124	R138	"Dis an Dat Bout Ptrs"; Panasonic KXP-1124 - L. Vesei
KXP-1124	R148	"Quibbles nKits nBits nFits"; More info - L. Vesei
KXP-1124	R149	"Printers & Letterheads..."; Troubles - K. Steffen
KXP-4410	L89	"Panasonic KX-P4410 Laser Prnter Lamp Repair"
Lab Use	S15	"R&Development Using H/Z Computers" by David Felstul
Label Maker Pgm	S10	"Turn Computer into Typewriter" by Thomas Bohon
LABEL.ASM	R35	"What's in a Name"; Label Making Pgm - Pat Swayne
Label Addr	R42	"Addressing Envelopes/Labels"; BASIC pgm - C. Romer
Label Pgm	R45	Ltr- Catalog Disks the Easy Way; MBASIC - J. Dove
LAN Hardware	R145	"LANs Best Friend"; LAN-Local Area Network - N. Baker
Language SoftWr	R69	"Search for a Language..."; Langs compared - L. Hansen
Language SoftWr	R74	"Search for a Language 2"; Langs compared - L. Hansen
Language Softwr	R111	"Customize Your Programming Lang" by C. Feuchter
LANTastic NOS	R143	"LANTastic"; Artisoft's LANTastic NOS - J. Babcock Note: NOS is Network Operating System, from Artisoft
LapLink	R102	Ltr- Laptop Solution; Traveling Software - L. Ochs
LapLink	R103	"Get most from Laptop, Pt3"; Travel Software - J. Katz
LapLink	S39	"Portable Comptr Col"; PC Hooker - Wayne Rash, Jr.
LapLink-Gemini	L33	"Gemini, Floppy Drives, & LapLink"
LaserJet	R125,128	"Pgmng LaserJet Ptrs Pt1"; All Languages - A. Neibauer
LaserJet	R134	"Database Publishing w/dBASE IV" by A. Neibauer
LaserJet2P	R141	"HP LaserJet IIP"; Review - W. Wills
LaserJet3	R133	"LeadEdge"; HP LaserJet III - W. Adney
LaserJet3	R134	"LeadEdge"; Windows 3.0 & LaserJet III - W. Adney
LaserJet Fonts	R133	"Add LaserJet Soft Fonts to WPerfect 5.x" by W. Nabor
Laser Printer	R106	"Foreward"; LaserJet - J. Bazhaw
Laser Printer	R140	"Get Start w/Laser Printer Font Tools" by A. Neibauer
LaserWriter	R90	"LaserWriter Connection"; Software on PCs - J. Katz
LaserWriter	R127	"...Apple LaserWriter II"; PCs - Pat Swayne
LCR-T4 Tester	L130	Insert: "Mega328 LCR-T4 ESR Transistor Tester" Kit
Leading Edge	R46	"On the Leading Edge"; Series by William Adney
Learn C Now	R138	"Learning 'C'..."; Microsoft Learn 'C' Now book - Tom Bing
Leisure Suit La	R95	"Leisure Suit Larry"; PC Game - J. Louches
LetterPerfect	R137	"LetterPerfect"; Skeleton of WP5.1 - M. Haverstock
Letters	S13	"Three Prods to Write Letters for You" by John Mays
Library-Arch	L65	Insert: "Z-100 LifeLine Archive Library"; Listing
Library-Grafx	L3	"Z-100 Graphics Libraries"; A Comparison
Library-PubDom	L3,4	"Z-100 LifeLine Public Domain/Shareware Library"
Library-PubDom	L23	"Accessing Public Domain Library"; For Novice
Library-PubDom	CN23	"Z-100 Public Domain Library Sale"
Library-Rental	L83	Insert: "The Z-100LL Library"; Books & Manuals to Rent
Library-Softwr	L60,71,102	Insert: "Index to Z-100 Software Library Catalog!"
Library-Softwr	L102	Insert: "Z-100 Software Library CD-ROM"
Life Game	L49	Insert: "Game of 'Life'"
LifeLine	L31	"Z-100 LifeLine is Alive After 30!"; Introduce Vagts
LifeLine CD-ROM	L108	"Z-100 LifeLine CD-ROM Library!"; 30 Issues/CD
LifeLine Copy	L83	Insert: "Z-100LL Library"; Z-100 Newsletter BkCopies
LifeLine Editor	L28	"Z-100 LifeLine: Still Alive After 30?"; Vagts offer
LifeLine Index	WEB	Index to Z-100 Periodicals
LifeLine Projs	L136	"Z-100 LifeLine Projects"; Requiring future work
LifeLine Subs	L15	Future of LifeLine: Facts & Figures, Subscriber #
LifeLine Survey	L11	Chart of 1991 LifeLine Survey results
LifeLine Web	--	"Z-100 LifeLine": https://z100lifeline.swvagts.com
LifeLine #1-30	--	Publish / Edited by Paul F. Herman, (1989-1994)
LifeLine #31-??	--	Publish / Edited by Steven W. Vagts, (1994-Present)
Light Pen	L6	Quiz: Software Wizardry's PALETTE uses Light Pen
Light Pen	L9	"Light Pens Part1 - The Hardware", Z-100
Light Pen	L10	"Light Pens Part2 - BIOS Support", Z-100
Light Pen	L11	"Light Pens Part3 - Software", Z-100
Light Pen	L19	"GW-BASIC and the Light Pen"
Light Pen	R80	"...L-PC Lite-Pen"; Z-100PC Light Pen - J. Buszkiewicz
Light Pen	R86	"...Light Pen"; MSDOS CALC(885-8043-37) - R. Doolittle
Light Pen	R86	"One Little..."; Lite-pen's Pixel-Plus - J. Buszkiewicz
Light Pen	R134	"Get Start w/Mice & Pens" by A. Neibauer
Light Pen	B77.4	PALETTE LPT Output & Z-100 Light Pen - Software Wizardry
Lightek HDisk	R141	"Ext Hdisk..."; Lightek ex-Port 20Mb Hdisk - Henry Fale
Link Computers	--	See File Transfer above

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LISP/80	R27	"Chain LISP"; Intro, Z-89 - S. Schwartz
LISP/80	R67	"Look at Software"; From Software Toolworks - W. Adney
LLIDE	-	Also see IDE & NVsRAM/IDE
LLIDE Articles	WEB	IDE Controller Articles on the Website
LLIDE NVsRAM	L132	"IDE Controller NVsRAM died"
LLIDE NVsRAM	L136	"Reprogramming the IDE Controller NVsRAM"
LLIDE NVsRAM	WEB	IDE Controller NVsRAM Articles on the Website
LLIDE Proposed	L85	"A Z-100 IDE Hard Drive Controller?"
LLIDE Team	L86	Z-100 LifeLine IDE Controller Development Team (2003): John C. Beyers: Software Development Charles Hett: Hardware Development Steven W. Vagts: Parts Acquisition, Manufacture & Test
LLSCSI Board	--	Also see EEPROM/SCSI & SCSI
LLSCSI Team	L13	Z-100 LifeLine SCSI Ctrlr Development Team (Spring'91): Paul Herman: Proj Coordinator, EEPROM Pgmng, Marketing Robert Hassard: Engineering Design, Prototype Develop Robert Donohue: MTR-100 ROM & BIOS Pgmng William Flanagan: SCSI Programming Travis Barfield: Parts Acquisition & Manufacturing Uses American Micro Devices: AM28F010 Flash EEPROM SCSI Host Adaptor: NCR 5380 chip
LLSCSI Features	L15	LifeLine SCSI Host Adaptor/Bootable EEPROM Features
LLSCSI Features	CN20,21	"SCSI Host Adaptor/Bootable EEPROM Board"
LLSCSI Orders	L15	"LifeLine SCSI Board: Now Taking Orders", \$249.00
LLSCSI Review	L87	Insert: "Complete Docs/Schematics on LLSCSI Board"
LLSCSI Status	L17	"Update: LLSCSI Board..."
LLSCSI Update?	L86	"Do we want to update LLSCSI/EEPROM Board?"
LOAN Amort Pgm	L39	Insert: "Z-100LL LOAN Amortization Program"; ZBASIC
Logic Gates	S40	"ZBASIC Sim of Logic Gates" by William McKenzie
LogiMouse	B123.7	Using R-7 LogiMouse w/AutoCAD; Z-100 - William Schuette
LogiMouse	B124.7	More on LogiMouse w/AutoCAD; Z-100 - Milton H. Bank, II
Logitech C-7	L4	"Using MS Word v5 on Z-100"; Logitech C7 - G. Faini
Logitech C-7	L4	Q&A: Get Z-100 to work w/Logitech C-7 Mouse, Patch
Logitech C-7	R94	Ltr- C-7 Logi Mouse, AutoCAD, & Z-100 - R. Hassard
Logitech C-7	R99	"Interfacing C-7 Mouse to Z-100" by R. Hassard
Logitech C-7	R102	Ltr- Logitech Mouse...; Windows, Z-100 - R. Hirsch
Logitech C-7	R106	Ltr- Use Logitech Mouse w/Windows; Patches - R. Hirsch
Logitech C-7	R109	Ltr- Z-181 & Logitech C-7 Won't work; Pwr - J. Linton
Logitech Publis	R104	"Logitech Publisher"; Z-100 Desktop Publ - E. Zimmerman
LOGO	S25	"Z-100NB"; Z-100 LOGO from Clarkson - William Locke
LOOK.COM	L30	"LOOK.COM"; Simple file viewer w/source - Paul Herman
LOOK.COM	L68	"LOOK.COM Scrolling Prob"; Can't deal w/25 LineScrn
LOOK.COM	L116	"Lines Per Screen Problem with LOOK.COM"; Fixed
LOTUS AGENDA	R116	"Lotus Agenda"; Personal Info Mgr (PIM) - K. Grantham
LOTUS Color	R66	"Put Color Into Lotus 1-2-3"; Z-100 & PC - D. Rath
LOTUS123	L38	"Lotus 1-2-3 & WordStar Comments" by Bruce Ludlow
LOTUS123	R104	"Get Start w/Lotus 1-2-3" by A. Neibauer
LOTUS123	S12	"1-2-3 for the '110/120"; Review - Wayne Rash
LOTUS123	B70.4	Lotus 123 Integrated Software for Z-100 introduced June 83
LOTUS123	B157.1	MULTIPLAN vs Lotus123 - Al Cohen
LOTUS123 DAVE	B145.5	DAVE= Data Add, Verify, Edit for Lotus123 - Goldata CompSvc
LOTUS123 R3.0	R121	"LeadEdge"; Lotus123 v3.0 Prob - William Adney
LOTUS123 R3.1	R147,148	"Lotus 1-2-3, Rel 3.1"; Min 286 & 2Mb RAM - C. Stevenson
LOTUS123 R3.1	R149	"Lotus 1-2-3, Rel 3.1"; Formatting, graphs, Pie Charts
LOTUS123 Y2K	L67	Ltr- Lotus 1A hopelessly confused by Y2K?
LOTUS ->ZPC	R71	"ZPC Update #2"; Patches LOTUS for ZPC - Pat Swayne
LOTZ, Hank	L135	Hank Lotz, Sci-Fi author; See "Staunch 8/89'er"
Lotz, Wizard	L73	"Old Wizard's New Secret" by Hank Lotz
LPH24.DVD	R18	"Versatile LPH24.DVD"; Mods - T. Andrews
LPH44 PtrDvr	R61	Ltr- LPH44.ASM Mod to pause at page end - M. Porter
LQP02 Printer	R92	Ltr- Interface Digital LQP02 to SerPort - G. Duke
LQP02 Printer	R94	Ltr- Soln to DEC Prtrs; XON/XOFF protocol - R. Gristak
Lucidata PASCAL	S6	"PASCAL Elucidated"; Review - Hugh Kenner
Lucidata PASCAL	S7,9	Ltrs- Add'l info by Hugh Kenner & timing comparison
Lucidata PASCAL	S14	"File Management Under L.PASCAL" by Donald Risher
MACAT Disk Cat	R79	"MACAT Disk Catalog Sys"; Z-100 BASIC - L. St.Martin

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MACE Util	R83	"LeadEdge"; From Paul Mace Software - W. Adney
MACE Util	R94,95	"LeadEdge"; From Paul Mace Software - W. Adney
MACE Util	R102	"LeadEdge"; & Quattro have same Q.EXE - W. Adney
MACE Util	R107	"LeadEdge"; MACE UNFRAG util - W. Adney
MACE Util	R119	"LeadEdge"; MACE 5 and MACE GOLD - W. Adney
MACE Util	R131	"LeadEdge"; Thoughts - W. Adney
MACRO86 ASM	R90	"...Macro86 ASM Course, Pt1"; Disk I/O - R. Brownlee
MACRO86 ASM	R92	"...Macro86 ASM Course, Pt2"; XENIX or Tree Directory
MACRO86 TermCtl	R53	"Terminal Ctrl...FORTRAN & Macro-86" by M. Manivannan
MACRO86 TermCtl	R55	Ltr- Correction to "Term Ctrl" - M. Manivannan
Magnolia RAM	R26	Ad- Magnolia 128k RAM board, Z-89
Magnolia Boards	R35	64K and 256K Network Ctrlrs, CP/M & MP/M OS.
MagicWand	R37	"Computer Romance..." by L. Sparrow
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MDISK.DVD	S15,17	"Z-100NB"; RAM drive - Alison Phillips
MDISK.DVD	S19	"RAM Drives for '100" by D.C. Shoemaker
MDISK.DVD	S21	Ltr- Increase MDISK's RAM capacity up to 512k
MDISK.DVD	S28	"Assemble New Memory Disk..." by John Batbie, Jr.
MDISK.DVD	S29	Ltrs- Fixes MDISK.DVD bug to enable MDISK to work
MDISK.DVD	S29	"Z-100NB"; DOS v2 MDISK & PUP v2 MDISK - W. Locke
MEDIA MASTER	R65	AD- MediaMstr to txfer Foreign File Media, Z-100 & PC
MEDIA MASTER	R108	"H-89 & Z-248 Live Together"; File Exchg - F. Hutchison
MegaBASIC	R83	"MegaBASIC..."; American Plang Corp, Z-100 - R. Tilden
Mega328 Tester	L130	Insert: "Mega328 LCR-T4 ESR Transistor Tester" Kit
MEGARAM-150	S23	"...1216k RAM for Your '151" by Richard Mueller
MEGARAM-150	S40	"FBE's Memory Enhancement..."; Review - Timothy Weil
Melody	R139	"Melodies for Programs" by R. Moon
MEMBRAIN.COM	S17	"Z-100NB"; RAM Drive - Alison Phillips
Memory Allocn	L23	"Memory Allocation under MS-DOS"; Mem Mgmt, Mem Ctrl
Memory Disk	B101.8	Undoc'd MDISK.ASM in MS-DOS 2.0 Pmgr Pkg - Ralph Boyd
Memory Mgr	R136	"LeadEdge"; Types of memory & memory mgrs - W. Adney
Memory Map	L1	"An Overall Picture: The Z-100 Memory Map"
Memory Parity	L124	"Error - Memory Parity or Buss"
Memory Recovery	S15	"Salvage Memory Under CP/M or DOS" by David Felstul
Memory - Z-205	L1	Q&A: Can Z-205 Memory Board be used as RAM Disk?
Menu BASIC	R07	"Menu for BASIC Pgms"; And load by number - K. Hauser
Menu BATCH	R93	"Batch Menu System"; Uses Batch files - E. Zimmerman

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Menu BATCH	R110	"Menu Screen"; Use Menu Scrns in BATCH files - M. Gage
Menu Highlight	R113	"Bouncing Highlight"; Highlight choice 'C' - D. Keller
Menu Mouse	R93	"Mouse Driven Menu System"; Batch Files - J. Bazhaw
Menu Program	L24	"Simple Menu System for the Z-100"; Batch File, box
MENU.BAT	R135	"MENU.BAT"; PAINT, HELLO.SCN, AUTOEXEC.BAT - S. Vagts
Messenger3	S10	Ltr- Memory Messenger III by SCM; Excellent printer
MFM HD CDR317	WEB	"CDR-317 Host Adapter User Manual"
MFM HD Install	WEB	"MFM Hard Drive Install" and "MFM Hard Drive Specs"
MFM HD Interfc	L3	Q&A: 3 HD interfaces, which HD Interface for Z-217?
MFM-200 Monitor	R114	BugZap, Pg42, MFM-200Setup on Z-200 computer, No pix
MF-355BA Drive	L52	Ltr- Docs for Mitsubishi MF-355BA-88uF Drive
MH89+3, Mako	R34	"Give H-89 a bigger bite"; Extension board - P. Swayne
MicroEMACS	R114	"Inexpensive Software for Z-100"; Txt Editor - G. Elder
MICRO LINK2	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
Microline 82A	R32	Ltr- Okidata Microline 82A comparable to MX-80
Microline 92	S14	"Get Most Out of Okidata Printer..." by M.H. Endres
MICROPLAN	S4	"Eight Spreadsheets Compared..." by Kenneth Patrick
MICROSIRIS	B156.5	MicroSiris Stats Softwr; Z-100 - Van Eck Computer Consul.
MS = Microsoft:		
MS Bus Mouse	B148.1	Solution to MS Bus Mouse Woes w/Windows - Norman Weatherby
MS 'C'	S26	"C Notes"; MS's 'C' Compiler v4 - Joseph Katz
MS 'C' Bugs	R97,100	"LeadEdge"; MS 'C' Compiler probs - W. Adney
MS QuickC Bugs	R97	"LeadEdge"; MS QuickC may scramble FAT! - W. Adney
MS WORD	R70	Ltr- No Support for Prowriter 8510A - F. Knottenbelt
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MS WORD	S18	"Quest for Ultimate WordProcessor" by Kenneth Daniel
MS WORD MAILMRG	R103	"Use WordStar's MAILMERGE..."; Rosters - R. Camp
MS WORD MAILMRG	R112	"Use MailMerge..."; Feature of MS WORD - J. Bazhaw
MS WORD Publsghg	R117	"Publish w/MS WORD, 9pin Ptr"; FANCY WORD - J. Uretsky
MS WORD RAMdsk	B116.4	Notes on MS WORD2 & RAM Disk - Bayly Massenburg
MS WORD2	R74	"Sum of Squared..."; ZDS vs Microsoft rel. - W. Nielsen
MS WORD2	S23	"Microsoft Word, Version 2" by Freddy Sweet
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MS WORD3	R93	"LeadEdge"; MS WORD vs WORDSTAR - W. Adney
MS WORD3	R106	Ltr- MS Word Under ZPC; Spec'l Key Combins - R. Ferch
MS WORD3	S28	"Microsoft Word, v3"; Review - Dale Grundon
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MS WORD4	R94	"LeadEdge"; MS WORD4.0, Same probs as 3 - W. Adney
MS WORD4	R100,103	"Get Started w/MS WORD"; Vers 4 - J. Bazhaw
MS Word5	L4	"Using MS Word v5 on Z-100" by Glenn Faini
MS WORD5	R116	"LeadEdge"; MS WORD5.0 & Companion Disk - W. Adney
MS WORD5	R149	"LeadEdge"; Windows Upgrd, WORD, WP for Win - W. Adney
MS Word5 Drvr	L3	MS Word missing C.Itoh 8510A Prowriter driver?
MS Word5 Mouse	L4	"Using MS Word v5 on Z-100"; Logitech C7 - G. Faini
MS WORD PageCmp	R97	"MS WORD & Page Composition" by D. Butler
MS WORKS	R111	"Get Start w/WORKS"; Integrated Pkg, PCs - A. Neibauer
MS WORKS ZP-150	R69	"MSWORKS for..."; Briefcase ZP-150 - B. Gates
MS WORKS ZP-150	R74	Ltr- ZP-150; Comments on MSWORKS memory - L. Wilkins
MS-DOS	--	Also see DOS
MS-DOS 2.0	R56	"MS-DOS 2.0 What is it?" by W. Adney
MS-DOS 2.0	R80	Ltr- Mixed-Case...; DO or do work, Do won't - H. Rubin
MS-DOS 3.3+	R113,117	"LeadEdge"; HDrive & ExpandMem in DOS3.3+ - W. Adney
MicroWidget	B61.3	Utility Brd from MicroWidget Works; RTC, Parallel Port
Micro/Versal	B92.3	Micro/Versal is a ZDOS Utility for CP/M <--> Z-100 DOS
Micro/Versal	R53	Ad- Utility Reads/Writes >20 disk formats.
Micro-Works	R70	"Image Analysis..."; Z-100 Video Digitizr Brd - L. Jarvis
MIDI	--	See MUSIC, MIDI- Musical Instrument Digital Interface
MWHUGCON '86	B122.1	First St. Louis HUG Conference, May '86 - Kieran O'Leary
MWHUGCON '86	S24	"Spirit of St. Louis"; MidWest Conf - Kieran O'Leary
MILLIONAIRE	R42	"Millionaire Stock Market Simulator" by T & D Huber
MILLIONAIRE	R67	"New Products From Blue Chip Software"; PC - T. Huber
MITE TermEmul	B78.5	Vers 2.5 MITE (Mycroft Intel Terminal Emulator; CP/M
MITE+ TermEmul	B99.8	MITE+ Emulates 94 Terminals - K. Ackerman, Mycroft Labs
Mitsubishi Drv	L52	Ltr- Docs for Mitsubishi MF-355BA-88uF Drive
Mitsubishi Drv	L77	Insert: "Mitsubishi Model M2896-63 8" Drive Review"
Model Code	L5	Q&A: What Z-100 model numbers mean?

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Model #, H/Z	R112	"LeadEdge"; H/Z Computer Model/Series #s - W. Adney
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Modem	L5-7	"Internal Modem for Z-100"; Series by Robert Hassard
Modem	L9	"Internal Modem for the Z-100"; Program correction
Modem	L13	"2400 Baud Modem for Z-100"; PM-2400 pocket modem
Modem	L14	"Computer-to-Computer Comms, Three Programs"
Modem	L48	"Introduction to Modems"
Modem	S17	"Z-100NB"; Modem considerations - Alison Phillips
Modem	S19	"Upgrade Internal Modem for '100" by Charles Layman
Modem Cable	L72	Ltr- Can you explain about Null Modem Cables?
Modem Dialing	R53	"Keyboard Dialing..."; A Non-Smart Modem - J. King
Modem DCE/DTE	R67	Ltr- Modem Connecting - G. Roberts
Modem FAX	L25	Feedback: Two possible alternatives for FAX Modem
Modem I/O	R10	"Ins/Outs of Modems"; DataTermEquip - D.C. Shoemaker
Modem Mark XII	R65	Ltr- Need a Modem; Signalman Mark XII - D. Sutherland
Modem Pgms	B88.5	Modem Programs Compared - 1200-Baud - William DuBay HTERM, ZTERM, Microterm, ZED/COM, ZT, ZLYNK mentioned.
Modem Pgms	B89.2	Three responses to DuBay - MDMZ100 & ACCESS Comms pgms.
Modem Repair	R146	"Troubleshooting Modem Probs" by R. Brenner
Modem Tutor 1	R40	"Modem Tutorial 83, Part 1"; Basics, Z-100 - W. Jung
Modem Tutor 2	R42	Part 2 covers choice of modem
Modem Tutor 3	R45	Part 3 covers modem programs and their functions
Modem Txfer	R42	Q&A- How to transfer CP/M files?
Modem Txfer	R131,133	"Modem, Data Transfer Solution" by Robert Brenner Note: BAUD Rate vs TRANSFER Speed Chart, R133, Pg13
Modem Txfer	R135	"Modem 3", Data Compression, Huffman Coding, LEMPEL
Modem Txfer	R140	"Modem 4", Discussion of modem standards
Modem Txfer	R141	"Modem 4", Handling & transfer protocols
Modem Volume	S19	Ltr- Use ZVM-135 monitor for speaker to internal modem
MODEM7	S17	"Z-100NB"; CP/M public domain pgm - Alison Phillips
Modem 9600 Baud	R138	"Port-o-Call"; Make most of 9600 Baud Modem - L. White
Modem - MTERM	R46	"A ZDOS Modem Package..."; Z-100 ZDOS - T. Jensen
Monitor	L1	"Color Video Monitors for Z-100" by Travis Barfield
Monitor	L28	Feedback: Video Monitors for the Z-100
Monitor	L68	Insert: "Monitors for the Z-100"; Collection of info
Monitor	L71	Ltr- "Monitor for Z-100"; Sony 1302 Trinitron
Monitor	R141	"Choosing Computer Monitor"; Display kinds - D. Veit
Monitor Cables	--	See Video Cabling
Monitr CGA->VGA	L126	Insert: "GBS-82xx CGA to VGA Converter" by Charles Hett
Monitr CGA->VGA	WEB	"GBS-82xx CGA to VGA Converter" by Charles Hett
Monitor Config	L79	Insert: "Z-100 User Configs", Appendix I, User's Man
Monitor Config	WEB	"Configuring the Z-100, Appendix I"
Monitor CRT	L1	Q&A: All-In-One CRT Replacement?
Monitor Repair	L120,121	Insert: "Zenith ZVM-13x Series Color Monitor"; Info
Monitor Repair	WEB	"Zenith ZVM-13x Series Color Monitor"; Info
Monitr RGB->VGA	L126	Insert: "GBS-8219 RGB to VGA Converter" by Charles Hett
Monitr RGB->VGA	WEB	"GBS-8219 RGB to VGA Converter" by Charles Hett
Monitors	--	See ZVM-xxxx series monitors by model #
MORTGAGE.BAS	R71	"MORTGAGE.BAS"; MBASIC, CP/M, Z-89 - B. Moskus
Morse Code	R06	"Morse Code Instruction"; Using ET-3400 - L. Graue
Morse Code	R41	"Morse Code Practice..."; MBASIC, Z-89 - B. Horn
Morse Code	R43,45,49	Ltrs- Comments on 'Morse Code Practice', above
Morse Code	R62	Enhancements to 'Morse Code Practice'
MORSE-8	R22	"Adapting MORSE-8 CW for H-89"; Z-89 - R. Anderson
MORSE-89	R33	"Morse Code Txceiver Pgm" w/circuit, Z-89 - R. Anderson
Motherbrd Z-100	--	See Z-100 MBrd (Motherboard)
Mouse	R134	"Get Start w/Mice & Pens" by A. Neibauer
Mouse	R145	"...Make Mouse Think It's...PC Mouse" by D. Shachar
Mouse	R145	"Trapping That Mouse"; MouseDrvr, BASIC, ASM - D. Lind
Mouse	S14	"MS Word & Mouse: Do They Click?" by David Felstul
Mouse C-7	--	See Logitech C-7 Mouse
Mouse Menu	R93	"Mouse Driven Menu System"; Batch files - J. Bazhaw
Mouse MS Bus	R110	"LeadEdge"; Microsoft Bus Mouse - W. Adney
Mouse Pack	CN3	"Using Mouse Pack w/UCI EasyPC & Gemini Emulator Sys"
Mouse Pack	R76	"Mouse Pack: Review"; Z-100 - J. Furst
Mouse Pack	S27	"Z-100NB"; Review - William Locke
Mouse Problem	L4	Q&A: Z-100 Windows Mouse Info
Mouse Serial	R110	"LeadEdge"; Logitech Serial Mouse - W. Adney

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Mouse Serial	L137	Insert: "Connecting a Z-100 Serial Mouse"
Mouse Serial	WEB	"Connecting a Z-100 Serial Mouse"
Mouse ZPC	L9	"Using dCOM, ZPC & ZPC-Mouse Together"
Mouse Z-Mouse	L4	"Make Z-MOUSE Coexist w/other Mdrivers" by Glenn Faini
Mouse-Trak	R108	"LeadEdge"; Serial mouse, Z-100 & PCs - W. Adney
MOUVCORS.BAS	L92	Insert: "ZBASIC Sailing Ship Graphics Pgm" by T. Klein
Moving	S12	"You Can Take It With You:..." by Ray Albrektson
MPI Sprinter	R56	"The Sprinter by MPI"; Portable DM Ptr - J. Buszkiewicz
MPI-99G DM Ptr	R35	"MPI 99G Printer" by T. Jensen, Micro Peripherals Inc
MPI-99G DM Ptr	S8	"More Than Just a Pretty Face" by James Bingham
MPI-99G DM Ptr	S10	Ltr- 99G Not the Only Way to Get Around
MPI-99G MagcWnd	R56	Ltrs- MW & MPI99G comments; solution - B. Atwood
MPI-150 Grafx	R56	"Improving Grafx on MPI Printers"; Z-25 - Pat Swayne
MP/M86 Z100Kit	B78.1	Z-100 Install Kits for CP/M-86, MP/M-86 - Barry Watzman
MTERM	R46	"A ZDOS Modem Package..."; Z-100, ZDOS - T. Jensen
MTERM	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
MTR-ROM	--	See ZROM Topics; ZROM is only for the Z-100
MTR-ROM Vers	R140	"H/Z Useful Upgrades"; Current ROM Ver table - H. Fale
MT8087	S21	Notes- MT8087 is MTBASIC Compiler for DOS w/8087
MT-160L Ptr	S20	"LQ, Dot Matrix: the MT-160L Printer" by Michael Ho
muLisp	S20	"Custom muLisp for '89 & '100" by Stanley Schwartz
MULTIMATE	B108.6	MultiMate Word Processor; Z-100 - Multimate Int'l Corp.
MULTIPLAN	R45	"3 Sprdshts"; Multiplan, SuperCalc, ZenCalc - J. Turrell
MULTIPLAN	S4	"Eight Spreadsheets Compared..." by Kenneth Patrick
MULTIPLAN ASCII	R54	"...Transfer ASCII Files Into MultiPlan" - K. Simmons
MULTIPLAN ASCII	R95	"...Read ASCII Files into MultiPlan" - R. Heath
MULTIPLAN ESC	R42	Q&A- Can I send ESCs from Multiplan?
MULTIPLAN vs123	B157.1	MultiPlan vs Lotus123 - Al Cohen
MULTIPLAN2.0	B119.4	MultiPlan v2 Supports Z-100 w/o ZPC - Ivan A. Cooper
MULTIPLAN2.0	B120.3	Possible Solution to MulpiPlan Woes - Richard L. Mueller
MULTIPLAN3	R95	"MultiPlan Update"; Z-100 & PC - R. Mueller
Multiple OpSys	L101	"Using Multiple Operating Systems"; Z-100
MultiSync Montr	R127	"Use NEC MultiSync Monitor..."; Z-100PC - R. Maskasky
MULTI-EDIT	R105	"Multi-Edit Review" by T. Lisanti, American Cybernetics
MULTI-EDIT	R145	"MUTI-EDIT v5.01P"; ASCII Editor/WProcessr - D. Jerome
MuMetal Shield	B91.4	Heath MuMetal Shield w/Mitsubishi 96 tpi Drvs - T. Kinsella
Music	R96	"Computers, Music & MIDI Pt1"; Z-89 - T. Thompson
Music	R97	MIDI- Musical Instrument Digital Interface
Music	R98	"Computers...2"; Hardware MIDI for the Z-89
Music	R139	"Computers...3"; Three software pkgs to use MIDI
MUSIC CP/M Pgm	R38	"Melodies for Pgms" by R. Moon
MUSIC CP/M Pgm	R40	"Changing Your Tone!"; Music Generation Pgm - F. Clark
MUSIC CP/M Pgm	R47	Ltr- Bug in CHR\$OUT and response.
MUSIC CP/M Pgm	R50	Ltr- Wiring the serial ports 320.
MUSIC CP/M Pgm	R50	Ltr- Repeating selected phrases - C. Horn
MUVIT.BAS	R70	"MUVIT, BASIC Boost for Spreadsheets" by L. St.Martin
MUVIT.BAS	R73	Ltr- MUVIT Correction - L. St.Martin
MUVIT.BAS	R77	Ltr- Correction: MUVIT.BAS - L. St.Martin
MX-80	R29,30	MX-80 Revisited - more info on use/settings
MX-80	R29	"H8-2 Parallel Interfacing"; MX-80 Pinout - Pat Swayne
MX-80	R31	Ltr- MX-80 with programs for H-88/89
MX-80	R35	"Single Page Writer ..."; BASIC pgm - C. Romer
MX-80	R45	Ltr- Unwanted G or H as first output of device
MX-80	R49	Ltr- Fix to unwanted G or H.
MX-80	S39	"Add More Chars to Epson Printer" by Joseph Gonzalez
MX-80 DM Ptr	R18	Using the Epson MX-80 Printer w/Z-89
MX-80 Forms	S9	"Create Forms on your MX-80" by Leonard Geisler
MX-80 Graphics	--	See FX-80 Graphics series
MX-80 GRAFTRAX	R67	Ltr- Printer to Z-89; Only prints 7dots - J. Gallagher
MX-80 HiRes	R50	Ltr- "Prob doing Hi-Res Grafx..."; w/MBASIC - C. Wilson
MX-100	S39	"Add More Chars to Epson Printer" by Joseph Gonzalez
MYCALC	R81	"Ordering Unordered Data..."; Z-89 - A. Sophianopoulos
MYCALC Review	R61	"SpreadSheet Corner 7"; Z-100 - H. Bauman
MYCHESS	B90.8	MYCHESS Defeats All Challengers - Software Toolworks
M2896-63 Drive	L77	Insert: "Mitsubishi Model M2896-63 8" Drive Review"
NAVPROG7	R28	"NAVPROGseven Errata" by A. Bose
NAVPROG7	R30	"The Flying Huggies"; Patch to nav pgm - A Bose

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NEC MultiSync	R127	"Use NEC MultiSync Monitor..."; Z-100PC - R. Maskasky
NEC P5 Printer	R88	"24-pin Printing"; Review - D. Alspach
NEC V20 ASM	R99	Ltr- Assembler for NEC V20; A86 Asmblr - D. Nord
NEC V20 CPU	R75	"Subdir & Cmd Pathing"; >8088, Z-100 & PC - W. Adney
NEC V20 CPU	R75	"Report on NEC V20...P1"; Z-100 & PC - R. Mueller
NEC V20 CPU	R76	"Report on NEC V20...P2"
NEC V20 CPU	R89	"...NEC V20"; 8088 Replacement, Z-100 & PC - R. Ferch
NEC 8023 Prntr	S15	"Custom WordStar for DMatrix Prntr" by Stephen Prigozy
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Netware	R127	"Use Novell Netware on ZDS Comp..." by H. Ogg
Network	R85	"Networking"; Z-89 <-> Z-100 via Ser ports - F. Kent
Network	S31	"Z-100NB"; Network w/KAL1000 & ViaNet - William Locke
Network	S35	Notes- NTI desNET LAN pkg links Z-100 to PCs
NEWSMASTER2	R107	"...Desktop Publshr, News Master II"; PCs - P. Swayne
Norton COMMANDR	R118	"Software Potpourri"; Norton Cmdr, Z-100PC - R. Hudson
Norton Util	CN23	"...Herman Utilities", Norton Util >4 Bad on Z-100
NSC800 CPU	S34	"Brain Transplant..."; Replace 8085 - Charles Horn
NSWEEP	S18	"Z-100NB"; CP/M file mgmt util - Alison Phillips
Null Modem	L62	Insert: "Two Terminal Ops", Null modem cable explained
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Number Float Pt	S21	Floating-Point Numbers explained in 8087 article
NUMBR Fractious	R112	"...Fractious Numbers"; Convt Fractions, 'C' - D. Keller
NUMBERS	R06	"NUMBERS-"; Fixed Point & Floating Point - C. Dattolo
NUMBERS.BAS	R20	"NUMBERS"; Example of CAI, MBASIC - G. Kabelman
NVELOPE	R107	"LeadEdge"; Envelope Addressing database - W. Adney
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NVsRAM Board	L94	Insert: "Z-100 NVsRAM Bootable S-100 Board Schematics"
NVsRAM Board	L97	Insert: "NVsRAM Bootable S-100 Board Schematic Update"
NVsRAM Board	L115	Insert: "Z-100 IDE Interface & NVsRAM Board Design"
NVsRAM Dead	L132	"IDE Controller NVsRAM died"
NVsRAM FAT	L115	"IDE NVsRAM FAT Scrambled", MC14040BCP IC bad
NVsRAM Pgmng	L114	Insert: "IDE Controller Chip Design/Programming"
NVsRAM Pgmng	L116	"NVsRAM Programming Update"
NVsRAM Pgmng	L136	"Reprogramming the IDE Controller NVsRAM"
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NV-DISK	S29	"Z-100NB"; Z-100 2mb RAM drive - William Locke
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Octal #Convsn	R41	"...Utils as Device Drivers"; Refers to Traub - C. Horn
Octoport	R128	"Heath Octoport, Intel Switchbox..." by T. Perdue
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OCT --> DEC	R28	"Split Byte OCT/DECimal Add/Subtraction" by R. Traub
OCT --> DEC	R30	"Oops, the Missing Pgm" to R. Traub Article
OFFLIN	S17	"OFFLIN: Exercise in Z-100 ASM" by William Hall
OFFLIN	S18	Ltr- Go OFFLIN w/PASCAL easier
OFFLINE.COM	S16	"Z-100NB"; Set Z-100 OFFLINE mode - Alison Phillips
OFFLINE.COM	S17	"Z-100NB"; Using PSC & OFFLINE - Alison Phillips
Okidata 82A	R32	Ltr- Okidata Microline 82A comparable to MX-80.
Okidata 92	S14	"Get Most Out of Okidata Printer..." by M.H. Endres
Okidata 92	S16	Ltr- Comments on Okidata paper printing difficulty
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Okidata 92 WS	R65	Ltr- Response to WordStar & Okidata 92 Print issues
OKIDUMP.BAS	R53	"OKIDUMP.BAS"; Okidata 92, Z-100, ZBASIC - T. Ross
OMDOS	R95	"C/80 in OMDOS..."; OMDOS- One Module DOS - D. Keller
OmniKey/102	R112	"LeadEdge"; Keybrd not working w/Z248 & Z386 - W. Adney
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ONECOPY Patch	R45	PPage- ONECOPY Mod to term copy ops w/wrong disk
Operating Sys	R68	"Operating Sys..."; Fact, Fiction, Future - W. Adney
Operating Sys	R111	"LeadEdge"; Operating Sys & Applications - W. Adney
OP AIRLIFT	L54	AVES Games: Airlift, Starfire, Starhawk, SilentRunner
ORG Plus3	R106	"ORG PLUS 3.0 Review"; Organization Chrts - E. Zimmerman

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PACMAN	R43	Ltr- PACMAN for H/Z-89; BHBASIC pgm - R. Barrett
PACMAN	R47	Ltr- Corrections to PACMAN - J. Douglas
PAGED TxtEditor	R15	"PAGED: Text Editor Anyone Can Use"; Z-89 - S. Witt
PAINT.ASM 1&2	R74,75	"PAINT.ASM 1&2"; Z-89 GrafX Pgm, HZFONT - S. Vagts
PAINT.ASM 3	R85	"Enhanced PAINT.ASM"; Adds HELP, MOVE/COPY - S. Vagts
PAINT.ASM 4	R95	"PAINT.ASM Again?"; Alt Printer Routine - S. Vagts
PAINT.ASM 5&6	R119,121	"Color PAINT.ASM..."; For the H/Z-100! - S. Vagts
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Puzzl Crossword	L66	The Christmas 1999 Crossword Challenge
Puzzl Crossword	L138	Insert: "Z-100 40 th Birthday Crossword Puzzle"
Puzzl Word Find	L137	Insert: "Z-100 40 th Birthday Word Find Puzzle"
PWindow	R88	PPage- Patch to PW.COM of DEBUG Support Util Disk
P-SST AID Pgm	L3	"P-SST Programming Aid" by Wojtek Bok

Z-100 LifeLine Index of Magazine & Periodical Articles

Keyword:	Issue#:	Article:
P-SST Patch	R63	LTR- Jan 29th to Jan 1st! Clock error - C. Ware
P-SST Patch	B102.4	Fix Bug in P-SST's Clock Read Software - Software Wizardry
P-SST Speech	R64	"Add Sound & Speech to Z-100"; P-SST Review - T. Huber
P-SST S100 Card	B91.1	P-SST Multi-function Z-100 Card - Software Wizardry Has RTC, speech & music synthesizers, & 2 parallel ports.
P-SST-Maestro	R71	Ad- P-SST-Maestro music/grafx editor, Software Wizardry
P-SST-Maestro	R79	"...Sounds of Music..."; Z-100 - J. Britton
QEMM	R133	"Look at QEMM" by S. Shapiro
QFILER	R108	"LeadEdge"; DOS Shell, Can list two diff DIRs - W. Adney
QSEditor	R14	"QSE (Quick Simple Editor)"; BASIC - R. Pearce
Qth Web Host	L129	New Z-100 LifeLine Website , at z100lifeline.swvagts.com
Quantum ELS170	L52	Ltr- Use Quantum ELS-170 170MB SCSI-2 drive w/o prob
QUATTRO	R100	"Quattro is One Better..."; PCs only - W. Adney
QUATTRO	R102	"LeadEdge"; QUATTRO & MACE have same Q.EXE - W. Adney
QUATTRO	B158.4	QUATTRO Runs on Z-100 Under ZPC - William Mayer Jr.
QUATTRO Pro	R132	"Get to Know Quattro Pro"; Spreadsheet, PC - R. O'Connor
QUATTRO Pro3	R138	"LeadEdge"; Upgrade capabilities - William Adney
QUATTRO Pro4	R54	"Q-PRO 4 Review"; Dbase Mgmt, ZDOS, Z-100 - D. Grundon
QUATTRO Pro4	R71	"Q-PRO 4 Revisited"; Version 3.0, Z-100 - S.E. Weidner
Query!2	B90.4	Redesign Your Query!2 Files for sharing - Hoyle & Hoyle
Query!2 Calc	B88.2	QUERY!2 Calc, Calculates from data files - Hoyle & Hoyle
QUERY!2 Review	R51	"QUERY!2 and Report Writer"; Z-100 ZDOS - P. Franchina
QUERY!3	R69	Ltr- Not Expens...; Query DBMS, CP/M, DOS - N. Sherrill
Query!3	B105.2	QUERY!3 Information Management System - Hoyle & Hoyle
Query!3 Calc	B105.4	QUERY!3 CALCulator & REPORT GENERator - Hoyle & Hoyle
QUERY!3<-ASCII	R95	"MBASIC Util Converts ASCII for Query!3" by K. Thompson
QuickBASIC	R95	"BASIC Wars"; QuickBASIC data structures - B. Dubbs
QuickBASIC	R109	"QuickBASIC 4.0..."; Z-100PC - J. Stolarz
QuickBASIC	R112	Ltr- Poor Quality; Re Stolarz 'QBASIC' - G. Wilkinson
QuickBASIC	R125	"Cmd Line INPUT for Compiled BASIC Pgms" by K. Granzow
QuickBASIC	R147	"Parsing the DOS Cmd Line, QBASIC..."; Pgm - J. Day
QUICKCODE	S33	"Eight-Bit World"; dBASE II - Series by Walter Janowski
QUICKEN Prob	L13	Quicken v4 won't work w/ZPC v2 & Scottie Board
QUICKEN4	R144	"Select& Use Accounting Pkg, QUICKEN 4.0" by K. Steffen
QuikMenu3	R148,149	"QuikMenu III" by C. Stevenson
Q&A Database	R145	"Get Start w/Q&A"; Q&A Database Mgmt Sys - A. Neibauer
RAM Map	L1	"Overall Picture", The Z-100 Memory Map
RAM Chips	L22	Defective 256k D-RAM chips; note w/ZMAX kit
RAM Chips	L42	Insert: "FSBulletin Z-100-012"; Unreliable TI 64k RAM
RAM Chips	L47	Bits 'n Bytes: Use 150ns chips, ZMAX warning
RAM Disk	S17	"Z-100NB"; MDISK.DVD & MEMBRAIN.COM - Allison Phillips
RAM Disk	S19	"RAM Drives for Z-100" by D.C. Shoemaker
RAM Disk	S20	Ltr- Add'l info on CP/M-85 RAM disk Z-100 RAMDRIVE/85
RAM Disk	S29	"Z-100NB"; Advantages of RAM disk - William Locke
RAM Disk	B86.5	8086/88 RAMdisk Rationale - Rick Lutowski
RAM Drive	--	See RAM Drives separately under each computer sys
RAM Managemt	L23	"Memory Allocation under MS-DOS"
RAM Test	R17	"Super RAM Test for the H-89" by H. Drake
RAM Upgrade	WEB	"Z-100 8MHz&256K RAM Upgrade"; HA-108 kit
RAM Z-Support	L2	Q&A: Hudson & Assoc Z-Support RAM & 8087 Board Info
RAM Z-205	L1	Q&A: Can Z-205 Memory Board be used as RAM Disk?
RAM Z-205	L4	"Using Z-205 Card w/768K on Mainbrd" by Richard Meagher
RAM Z-205	L21	"Making Most of Your Z-205 Memory Board"; RAM disks
RAM Z-205	L38	"Z205 RAM Board"; Configuration w/DOS v4.01
RAM Z-205	WEB	"Z-205 RAM Disk"; 256K and 1Meg w/activity indicator
RAMdrive	--	Also see EEPROM/SCSI
RAMdrive	L11	Q&A: I've got 704K RAM; What are options? Make RAMdisk
RAMdrive	L47	"Create RAM Disk", ZDS Atlanta Newsletter, Jan '86
RAMdrive	R71	"Auto RAMdrive Utilities"; CP/M85, Z-100 - J. Hebda
RAMdrive	R73	Ltr- Auto RAMdrive Util; For CP/M, Z-89 - L. Daugherty
RAMdrive	R89	Ltr- ARAM.COM; Load files to SuperRAM89 - L. Daugherty
RAMdrive	R99	"RAM Disk Usage"; Load BAT & COM files - E. Snyder
RAMdrive	WEB	"Z-205 RAM Disk"; 256K and 1Meg w/activity indicator
RAMdrive Indi.	L17,18	"Razzle Dazzle RAM Disk"; Disk activity indicator
RAMPAGE	S35	"WinWorld"; RAMPAGE RAM Brds - Series by J. Richard Hines
RAMPAL	L7	Q&A: UCI EasyRAM mem board w/Software Wizardry RAMPAL

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RAMPAL	B107.8	RAMPal-100 Memory Upgrade for Z-100 - Software Wizardry
RAMTop-386	R116	Ad- Memory Upgrade for Z-386 to 4Mb or 16Mb!
RAM16 Board	L44	Ltr- Req info on CompuPro RAM16 board
RATFOR FORTRAN	R67	"Look at Software"; From Software Toolworks - W. Adney
RATMAZE.BAS	L117	"ZBASIC RATMAZE Game"; More GrafX & FONT Chr Set
RD Software	L3	"Z-100 Graphics Libraries"; A comparison
RDT Review	R19	"RDT (Relocating Debug Tool) Review" by A. Dessler
REACH86	S24	"Z-100NB"; Modem pgm by Software Toolworks - W. Locke
REACH86	B109.5	REACH/86 Modem & File Txfer Program - Software Toolworks
REACTOR-100	B88.8	REACTOR-100 Nuclear Power Plant Sim - Software Wizardry
Real-Time Clk	--	See respective computer: Z-89 Clock, Z-100 Clock
Record Keeping	R123	"Small Business"; Use First Choice - D. Pitney
Recover File	R19	"Recovering Deleted File"; Uses DUMP - D. Harton
Recover File	R45	"...Recovering Deleted Files"; HDOS - C. Webber
Recover File	R48	Ltr- Patches to Webber article "...Deleted Files"
Recover File	R49	Ltr- Corrections to his article - C. Webber
Recover File	R110	"Recovering Data Files"; HADES & DEBUG - R. Murphy
Recover Memory	S15	"Salvage Mem Under CP/M or MS-DOS" by David Felstul
RECOVER.BAS	R65	Ltr- MBASIC RECOVER.BAS recovers file - D. Talkington
Recursivity	L119	Insert: "Recursivity & Assembler" by Thierry Klein
REFLEX	S36	"Reflex Puts You..."; Database system - G. Aldridge
REFLEX Test	R03	"REFLEX TEST"; H8 REFLEX.BAS test - D. Smith
RELEASE	R123	"Manage DOS Resident Pgms"; Remove TSR Util - M. Wilson
REMark	L83	"REMark" Magazine for H/Z Computer Users; 1978-1992
REMark Index	R48	Issue 1, 1978 to Issue 47, Dec 1983
REMark Index	R60,72,84	REMark 1984 only, 1985, 1986
REMark Index	R96,131	REMark 1987, 1988 & 1989
REMark Index	R136,147	REMark 1990, 1991
REMark Mag	--	Began as 'Heath Users Group (HUG)' magazine in 1978, Published by HUG until Dec90, Issue#131, when HUG->ZUG Published by ZUG Jan91 to Last Issue #149, June 1992
REMBRANDT	S30	"Eighth-Bit World"; Review - Series by Walter Janowski
REMCN	S12	"Z-DOS Comms Roundup" by Frederick Zimmerman
REMCN	B74.2	REMCN Remote Control program from Husker Systems
REMIND	R97	"REMIND Mem Jogger"; DOS or CP/M, C/80 Pgm - L. Conklin
REMIND	R109	Ltr- Bug Report to REMIND - L. Conklin
Removable HD	B68.3	Removable Cartridge HD for Z-100; Sammamish Data Systems
Repair	L16	"Beginner's Guide to the Z-100" by Paul F. Herman
Repair	L108	Insert: "Beginner's Guide to Z-100"; Updated - S. Vagts
Repair	L18	"Quick Course in Z-100 Servicing"
Repair	L80	"Tale of 2 Computers"; Numerous difficulties
Repair Boot	L54	Ltr- Only boots after warm-up; Was 8088 chip
Repair Bullets	L42	Insert: "Z-100 Field Service Bulletins"
Repair Bullets	WEB	"Z-100 Field Service Bulletins"
Repair CP/M	L42	Insert: "FSBulletin Z-100-047"; CP/M won't boot
Repair Drive	L70,71	Z-100 not recognizing floppy drives! Bad U207chip
Repair Hangup	L42	Insert: "FSBulletin Z-100-012"; Z-100 hangs up
Repair Key	L15	"Fixing Z-100 Key Switches"
Repair Key	L33	Insert: "Z-100 Keyboard Key Repair"
Repair Key	L75	"Inoperative Key", Bad chip U199
Repair Key	L76,77	"Inoperative Keyboard Key", Keyboard matrix, schematic
Repair Key	B157.2	How to Repair H/Z-100 Key Switch - Thacher Robinson
Repair Key	WEB	"Keyboard Key Repair"
Repair Key Clk	L39	Ltr- Continuous key clicks; visual inspection help
Repair Monitor	L75	"Monitor Woes"; Cracked solder joints to shields
Repair P.S.	L75	"Intermit Power Supply"; Bad connector 120/240 switch
Repair P.S.	L75	"Explosive Power Supply"; Bad fuse, bad MOV, junked
Repair P.S.	L75	"Inop Power Supply"; Hairline crack at Sm Ctrlr board
Repair Timer	L42	Insert: "FSBulletin Z-100-049"; 'Timer Error - U160'
Repair Z-207	L75	FORMAT Prob: All bad sectors trk>23, sec414, Precomp
Repair Z-207	L75	"Dead Floppy Disk Ctrlr"; Shorted C26
Repair Z-207	L98	Insert: "H/Z-207 Floppy Disk Ctrlr Repair/Alignment"
Repair Z-207	WEB	"Z-207 Controller Repair"
Research	S15	"R&Development Using H/Z Computers" by David Felstul
Resident Pgms	--	See TSR (Terminate, but Stay Resident)
Resource	--	Insert to LifeLine Issues #31 and #32
Resource-Disk	L80	Ltr- Source of 5-1/4" DSDD diskettes; ATLAZ Int'l
Resource-HD	L30	Q&A: I need info on replacement hard drives?

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Keyword:	Issue#:	Article:
Resource-Heath	L41,42	Ltr- Heathkit still sells Manuals & some parts
Resource-Help	L33	Ltr- Many individuals offering help
Resource-Parts	L38	Ltr- Surplus H/Z parts available
Resource-Parts	L61	A Plea for Parts! We need to keep the valuable parts
Resource-Used	L40	Resources Update; Used Z-100s, surviving suppliers
RFCAD Patch	R47	Ltr- Patch to BFILTER.BAS - D. Gohr
RIGHT HAND MAN	R67	Ad- Right Hand Man Desktop Util; From Red E Products
RIGHT HAND MAN	S20	"...Five Z-100 Desktop Utilities" by David Felstul
RIGHT WRITER	R118	"Better Writing"; WriteWriter3 Req's ZPC - G. Elwood
RIGHT WRITER	R142	"First Aid for Writing"; Grammatik - M. Haverstock
RIGHT WRITER4	R142	"Polishing Writing Style w/RIGHT WRITER 4.0" by T. Bing
RLI HD Interfc	L3	Q&A: Describe 3 hard drive interfaces
RM1025 Chainsaw	L136	Insert: "Remington RM1025 Chainsaw Repair" by S. Vagts
RM1025 Chainsaw	WEB	"Remington RM1025 Chainsaw Repair" by Steven Vagts
RNDCLOCK.BAS	L61	Ltr- RNDCLOCK didn't work?
Robotics Modem	S19	"Upgrade Internal Modem for '100" by Charles Layman
ROCKET	R14	"ROCKET"; Z-89 - R. Comito
Roland MPU-401	R127	"Add MIDI to SuprsPrt"; Roland MPU-401 MIDI - T. Perdue
ROM	--	See MTR-ROM, See ZROM (Z-100 Monitor ROM)
ROM Chips	S9	Ltr- Jumpers for Z-100 ROM chips
ROM Error Msgs	R119	"PwrUp"; Understanding Zenith ROM Error Msgs, PCs
ROOTS II	R82	"ROOTS II...Genealogy PT1"; CommSoft, Z-100 - T. Huber
ROOTS II	R83	"ROOTS II...PT2"; Comments & operation
ROOTS II	R85	Ltr- ROOTS II Ed omission - T. Huber
ROOTS II	R85	"ROOTS II...PT3"; Features, printing, editing
ROOTS II	B100.5	ROOTS II Genealogy Software for The Z-100 - Howard Nurse
RS-232	R09	"Connect Multiple RS-232 Devices in Parallel"; Circuit
RS-232 Breakout	R129	Ltr- Heath RS-232 Breakout Box; Add 9-25pin - J. Wood
RS-232 Port	L62	Insert: "Two Terminal Ops"; RS-232 Port info & pinouts
RTC685 Clock	R70	"Real Time Clock"; DIY, HUG Houston, PC - M. Ruthenbeck
RTTY ET-3400	R04	"Reading RTTY on ET3400"; Add Circuit - L. Graue
RTTY H8	R04	"RTTY to H8?"; Add circuit - R. Traub
RTTY Mini	R71	"Mighty Mini RTTY..."; Radio Teletype, Z-89 - R. Isenson
RTTY Mini	R73	Ltr- Mighty Mini RTTY correction - R. Isenson
Rubik's Cube	S1	"Rubik's Cube: a Computer Sim..." by Arthur Frost
RUBIK.BAS	L47	Insert: "RUBIK.BAS, Comptr Simu"; Z-100 - Arthur Frost
RX Printer	S39	"Add More Chars to Epson Printer" by Joseph Gonzalez
R-7 LogiMouse	B123.7	Using R-7 LogiMouse W/AutoCAD; Z-100 - William Schuette
R-7 LogiMouse	B124.7	More on LogiMouse W/AutoCAD; Z-100 - Milton H. Bank, II
Sailing Ship	L92	Insert: "ZBASIC Sailing Ship Graphics Pgm" by T. Klein
SAVE 0 GO.COM	R44	Ltr- Another Solution to BDOS Error, C. Pearce
SAVE 0 GO.COM	R45	Q&A- Command to re-enter CP/M from MBASIC
SAVE 0 GO.COM	R45	Ltr- Another Solution to BDOS Error - D. Picken
SA-455 5" Drv	B67.3	Shugart SA-455 DriveSelect labels/hardware - Rick Lutowski
SBASIC Pgm	S2	"Put Some Structure in BASIC Progmg" by William Clarkson
SBASIC Pgm	S23	Ltr- SBASIC alternative to ZBASIC Preprocessor
SBASIC Pgm	B63.4	S-BASIC Lang & Txlator; Z-100 ZDOS ZBASIC - W. Clarkson
SBP3	R20	"Review of Small Business Pkg III"; Mods - G. Kabelman
SBP3 Mod	R20	Ltr- Modified SBPIII Ledger Program; Z-89 - R. Kennedy
SBP3 8"	R22	"SBPIII on 8" Drivers"
Scanner	R132	"Inexpensive Hand Scanners..."; PCs - M. Haverstock
Scanner Supprt	L23	"Desktop Scanner Support"
Science Data	S10	Scuttlebutt - Z-100 failing in science data collection
Science Data	S12	Ltr - Hewlett Packard 9800 series de facto standard
Science Lib	S28	"Z-100NB"; "C" Scientific Lib review - William Locke
Scope	L66	"Digital Memory Oscilloscope"
Scope Digit	R77	"Dig Stor Scope..."; SC/IC-4802 & SD/ID-4850 - J. Lytle
Scope Kit	L133	Insert: "DSO138 Oscilloscope kit & Manual"
Scope Kit	L138	Insert: "DSO150 Oscilloscope kit & Manual"
Scope Tek468	L136	Insert: "Tek 468 Digital Oscilloscope Repair" by Charles Hett
Scope Tek468	WEB	"Tek 468 Digital Oscilloscope Repair" by Charles Hett
Scope Tek 4010	R71	"Tektronix 4010 Emu"; Flexitek, VGRAPH, Z-100 - J. Lee
Scope Tek 4010	S18	"Terminal Emulation for Z-100" by Glenn Roberts
SCORES.BAS	R56	"SCORES.BAS" can be added to any BASIC game
Scottie Brd	L16	"Parts Is Parts" Continues Support for Scottie Board A PC emulator board by Mike Zinkow (Parts Is Parts) from HUG engineer Pat Swayne's ZHS circuit to enhance

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		the ZPC PC-emulation software.
Scottie Brd	L34	Ltr- Request for info on Scottie Board I/O Ports?
Scottie Brd	L39	Insert: "Scottie Board - Theory of Ops" by Mike Zinkow Meant for Issue #39, never published!
Scottie Brd	L74,75	Insert: "Scottie Brd, PC-emulator for Z-100"
Scottie Brd	WEB	"Scottie Board, PC-emulator for Z-100"
Scottie Brd	L74	Insert: "ZPC V2 Mods to MB/Video Board"
Scottie Brd	R80	Ad- Scottie Board w/ZPC v2, Scottie Systems, Z-100
Scottie Brd	R93	"LeadEdge", W. Adney, ZPC & Scottie Board, Z-100
Scottie Brd	S34	"IBM Emulation w/Scottie Board" by Timothy Weil
Scottie Brd	B144.3	Some Pgms Run, Some Do Not w/ZPC & ScotBrd - K. O'Leary
Scottie Brkout	L30	"Breakout Switch Kit for Scottie Board"
Scottie Brkout	L75	Insert: "SB Breakout Switch"; Descrip, install, use
Scottie Brkout	WEB	"Scottie Brd, PC-emulator for Z-100"; w/Breakout Switch
Scottie Clock	L37	"Scottie Clock & LLSCSI Conflict"; With fix
Scottie Clock	WEB	"Scottie Board, PC-emulator for Z-100" with Clock
Scottie Comm	L52	Ltr- Replaced Scottie COM 8250 UARTS w/16450 UARTs
Scottie Speed	L41	Insert: "Scottie Bd 8MHz & Faster mod"; Repl parts
Scottie Speed	L41	Insert: "Scottie Bd 10MHz & Faster mod"; Repl parts
Scottie Speed	WEB	"Scottie Brd, PC-emulator for Z-100"
Scottie Sys	L7	Feedback: Scottie Systems moved in 1989
Scottie Sys	L13	Scottie Systems Update, moved back, 1991
SCOUT	R89	"Help for WordStar..."; Assign Imag Subdirs - Ami Atir
SCRNCLK	R22	"Clock Watch Delight"; HDOS, CP/M, Z-89 - P. Swayne
SCRNCLK	R52	"Clock Watch Delight"; ZDOS Pgm, Z-100 - Pat Swayne
SCRNCLK	R79	Ltr- Pat Swayne's SCRNCLK, REM#52; Mod - D. Wheeler
SCRNCLK	R55	"Clock Watch Delight"; PCDOS Pgm, Z-100PC - P. Swayne
SCRNCLK	R58	Ltr- Corrections to PCDOS version
SCRNCLK	R79	"Clock Watch Delight Revisit"; Z-100PC/200 - P. Swayne
SCRNCLK MBASIC	R65	Ltr- MBASIC Pgm to Ctrl SCRNCLK; Z-89 - M. Reed
SCRNCLK Patch	R67	PPage- SCRNCLK won't turn off if loaded before PERKS
SCRNCLK Patch	R109	Ltr- Move the Clock; For Lotus123 prompts - E. Howell
Screen Ctrl	R39	"...Better Screen Control"; Tutorial - D. Warnick
Screen Ctrl	R41	Ltrs- Comments on 'Screen Control'
Screen Ctrl	R45	Ltr- Adds Screen Ctrl GrafX Tutor pgm to D. Warnick
Screen Ctrl	R97	"Structured Screen Ctrl"; ANSI, BIOS, 'C' - L. Wilson
Screen Dump	S9	"Screen Dump!"; HDOS ASM Pgm - Siebert Ickler
Screen Dump	S11	Ltr- Add'l comments, suggestions on 'Screen Dump!'
Screen Dump	S12	Ltr- Here is enhancement to 'Screen Dump!' program
Screen Dump	S13	Ltr- Add'l comments, suggestions on 'Screen Dump!'
Screen Dump	B58.1	Screen Dump Utility for Z-100 w/MPI or Epson - Bruce Nevin
Screen GrafX	S1	"Zenith Screen GrafX into Color Slides" by F.X. Millor
SCREENPRO	S32	"Z-100NB"; Paul Herman's ScreenPro - William Locke
SCREENPRO	B139.6	SCREENPRO Flex Print Scrn Utility, Z-100 - Paul F. Herman
SCSI	L39	Insert: 'SCSI', from Rosch Hardware Bible, 3 rd Ed. Meant for Issue #39, but never published!
SCSI	R141	"Small Computer System Interface"; Operation - N. Baker
SCSI HD Ctrlr	S36	"WinWorld"; SCSI HD controller - J. Richard Hines
SCSI HD Ctrlr	B150.6	CDR317 SCSI Interface+Scien MicroSys Omti 3127 Ctrlr
SCSI HD Intrfc	L3	Q&A: Describe 3 hard drive interfaces
SCSI Host Adap	--	See LLSCSI & EEPROM/SCSI
SCSI - CDR-317	--	See CDR-317 Topics
SCSI-2	R143	"Son of Small Computer Sys Interface" by N. Baker
SCSI-2	L39,40	Ltr- What does SCSI-2 and Fast SCSI-2 mean?
SCSI-2	L45	Ltr- What SCSI drives definitely work w/LLSCSI brd?
SCSI-2	L52	Ltr- Use Quantum ELS-170 170MB SCSI-2 drive w/o prob
SDUMP Patch	R26	Improve SDUMP from HUG disk 885-1213, CP/M
SDUP Patch	R44	PatchPage- SDUP not copying last sector on disk.
SEARCH	S15	"Z-100NB" by Alison Phillips
Search Binary	R61	"Binary Search... For Speed"; Turbo PASCAL - P. Eustace
Search Binary	R128	"Search for Binaries"; QuickBASIC Pgm, PCs - A. Grattan
Search File	L3	"FIND: Simple Pgm to Search Files for Text String"
SEBHC Journal	B137.3	SEBHC Journal (Society of Eight-Bit Heath Computerists) for H8, H/Z89, & H/Z-100, Pub'd 1986-?? by Leonard Geisler
Sector Zapper	R23	"Sector Zapper"; Use Hard Sector disks, Z-89 - R. King
Sector Zapper	R45	"Using the 'Sector Zapper!"; Z-89 - W. Craig
SEE.COM Patch	R63	PPage- Fixes Prob on Z-100PC; Use DEBUG - P. Swayne
SEEK.COM	R78	"SEEK.COM... Pt1"; Learn CP/M ASM - M.D. Zapolski

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SEEK.COM	R79	"SEEK.COM... Pt2"; Load disk file into RAM, Z-100
SEEK.COM	R80	"SEEK.COM... Pt3"; Count Lines, Sentences & Words
SEEK.COM	R81	"SEEK.COM... Pt4"; Extract Saved values and make DEC
Seidl MAKE Util	R78	"Review of Seidl MAKE Utility"; SMK - Patrick Swayne
Serial Mouse	L137	Insert: "Connecting a Z-100 Serial Mouse"
Serial Mouse	WEB	"Connecting a Z-100 Serial Mouse"
Serial Port	R76	"Serial Ports, Part 1"; H-8, Z-89, Z-100PC - D. Warnick
Serial Port	R77	"Serial Ports, Part 2"; 8250 Asyn Comm Elemt (ACE)
Ser->Par Cirtc	R51	"Serial to Centronics Parallel Converter" by J. Ross
Ser->Par Cirtc	R66	Ltr- Corr/Mod to "Ser/Parallel Cirtc" - K. Schotthoefer
Service/Parts	--	See Resources for Z-100 service, software & parts
Servicing	L16,18	"Quick Course in Z-100 Servicing"
Servicing	WEB	"Z-100 Field Service Bulletins"
Servicing Table	L139	A Z-100 Servicing Turntable - Charles Hett
SET Command	R113	BugZap, Pg63, SET Command Err: "Out of Environmt Space"
SETPOINT	R52	"Computer Grafx ..."; Video Ctrl, Pixels, ASM - R. Meyers
SETPOINT	R70	"...H-100 Time Machine1"; Benchmark, Z-100 - A. Seibel
SETPOINT	R71	"...H-100 Time Machine2"; Done - A. Seibel
SETUP Protect	R112	"Protect Your..."; Access to Setup Cmd, PCs - P. Swayne
Sextant Anniv	S27	"Prologue" & "Epilogue" by John Walker, 5 th
Sextant Author	S9	"Guide to Writing for 'Sextant'" by John Walker
Sextant Author	S27	"Diverse Writers; Mixed Views" by John Walker
Sextant Index	S27	Index to 'Sextant' #1-#26
Sextant Index	S39	Index to 'Sextant' #27-#38
Sextant Mag.	L83	'Sextant' Magazine for H/Z Computer Users; Magazine publ'd by Charles Floto, Sprg82-Mar89, #40
Sextant Survey	S15	"R&Development Using H/Z Computers" by David Felstul
Sextant Survey	S27	"Checking Up on Charter Subscribers" by John Gill
Sextant Survey	S30	"Good, Bad, Uncertain" by Peggy Wallace
Sextant Survey	S38	"Quick Look at 'Sextant' Subscribers" by John Walker
Shareware	R137	"Frugal PC"; Shareware is capable & cheap - H. Ogg
SHIP	--	See ZDOS SHIP Command
Shipping Z-120	L49	"Shipping Z-120 All-In-One"; Disaster to ship whole
SHORTEN	R63	"SHORTEN: Save Memory in BASIC Pgms" by P. Brans
SHOWOFF	R86	Ad- Show Off Hi-Res Grafx Editor; Z-100 - by Hogware Co
SHOWOFF	R103	"SHOWOFF Graphics Pgm Review"; Z-100 - E. Zimmerman
SHOWOFF	R104	"Improve Image, Use SHOWOFF..."; Z-100 - J. Hirsch
SHOWOFF	S30,33	"Z-100NB"; SHOWOFF Review - William Locke
SHOWOFF	B128.1	SHOWOFF Hi-Res Graphics Editor; Z-100 - Hogware Co.
SHOWOFF Util	B145.2	SHOWOFF CGAGRAB & CONVERT Utilities - Hogware Company
SHOWOFF2	S37	"Z-100NB"; Hogware's revised SHOWOFF - William Locke
Shugart SA-455	B67.3	Shugart SA-455 DriveSelect labels/hardware - Rick Lutowski
SIDEKICK	R111	BugZap, Pg27, SIDEKICK Runs off screen on Z-181 Laptop
SIDEKICK	S21	"C Notes"; True PC-compatibles only - Joseph Katz
Siemens 8"FD	B97.8	Using Siemens FDD-200-8P 8" Drives on Z-100 - Mark Wolinsky
SILENT RUNNER	L11	"Silent Runner: A Z-100 Arcade Game"
SILENT RUNNER	L54,56	AVES Games: Airlift, Starfire, Starhawk, SilentRunner
SILENT RUNNER	R95	"Z-100 Shoot'um Up"; Games - M. Elwood
SILENT SERVICE	R95	"War Simu..."; Submarine in Pacific Game, PCs - J. Katz
Simulation	S32	"Computer Games: Behind the Scenes" by James Illman
SK-203 PtrBuftr	R87	"Jewel of the File"; Heathkit SK-203 - J. Buszkiewicz
SK-203 PrtBuftr	B143.1	Heath SK-203 Print Buffer; CP/M, HDOS - Dirk Howard
Slicer 80188CPU	R73	"Another Upgrade to H-89"; 256k & RAM drive - P. Emerson
Slide Graphics	R57	"...Color Slides from CRT Display"; MBASIC - R. Telepak
Slide Graphics	S1	"Zenith Scrn Grafx into Color Slides" by F.X. Millor
Slide Graphics	S29	"Making Title Slides..."; Z-100 - Gordon Nichols
SlimsPort 286	R136	"Compute on the Road"; Sidebar - S. Kristan
Small Bus Pack	--	See SBP3
Small-'C'	R90	"Small-C..."; Review, Fix for PC, Z-100&PC - D. Wallace
Small-'C'	S15	Ltr- Review of Small-C Compiler from Clarkson Univ.
Small-'C'	S17	Ltr- Announces Toolworks C/80 for DOS available
Small-'C'	S21	"Z-100NB"; Introducing 'C' - Alison Phillips
Small-'C'	B93.4	Small-C Compiler announced - Karl Remmler, Eigenware Tech
Small-'C' Patch	R71	Ltr- One for REMark PPage; Small-C patch - D. Wallace
SMARTKEY	S21	"C Notes"; Z-100 version works poorly - Joseph Katz
Smartmodem	R40	"Modem Tutorial 83, Part 1"; Z-100 - W. Jung
SMARTSORT	S24	"Sorting on Your Terms Rather..." by Thomas Best
SmartWatch	L56	Source for SmartWatch - JDR Microdevices, San Jose, CA

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SmartWatch	L57	Ltr- More on SmartWatch - Jameco, Belmont, CA
SmartWatch	L58	Insert: "SmartWatch Real Time Clock"; Spec sheet
SmartWatch	L80	Insert: "Z-100 Calendar Clks"; FBE SmartWtch & Zclock
SmartWatch	L91	Z-100 SmartWatch is still available (no longer)
SmartWatch	L120	Insert: "Case of the Dead SmartWatch"; Use a SuperCap!
SmartWatch	R91	Ad- FBE SmartWatch for the Z-100
SmartWatch	R113	Ltr- Easily Reset SmartWtch; Revise DSCLOCK - R. Hassard
SmartWatch	S27	"Z-100NB"; SmartWatch for all H/Z - William Locke
SmartWatch	B131.4	FBE Research Drops ZCLK, Adds SmartWatch, '86 - FBE Research
SmartWatch	B141.3	User Learns SmartWatch Goes on Gemini Board - C. Baker
SmartWatch	WEB	Z100 Clocks, Articles 1, 2, & 3.
SmartWatch?	L38,39	Ltr- SMT Peripherals Ltd. Clock always 20yrs ahead?
SmartWatch Batt	L124	Insert: "Substitute Backup Batt for SmartWatch" by C. Hett
SmartWatch Batt	L128	"SmartWatch Battery Mod Update"; Important!
SmithCoronaTP-I	S8	Ltr- A review of the Smith-Corona TP-I printer
SmithCoronaTP-I	S8	"LQ Printing on a DMatrix Budget" by Gordon Nichols
SmithCoronaTP-I	S9	Ltr- Correction to 'Quality Printing...'
SmithCoronaTP-I	S10	Ltr- Add'l info on TP-I printers
SmithCoronaTP-I	S40	"Pgm Suprts BASIC Listings on TP-I" by Fred Ormand
Softstrips	R83	"...Review of Softstrips..."; Store files, PCs - J. Katz
Softstrips	R85	Ltr- Thoughts on Softstrips - W. Nabor
Softstrips	R92	Ltr- Cauzin Softstrips; IBM-HP Laserjet Pgm - W. Nabor
Softerm-PC	L14	"Computer-to-Computer Comms"; Three programs
Software Bridge	R138	"LeadEdge"; Converts wordprocess file formats - W. Adney
Software Educ	S10	"Education Software Roundup" by Frederick Zimmerman
Software Games	S8	"Games Roundup" by Frederick Zimmerman
Software IBM	S9	"Won't All IBM-PC Software Run...?" by Graham Wideman
Software Instal	R124	"Perils of New Software"; PC Tools - E. Demaree
Software Libs	--	See Library - PubDom or Archive
Software PDom	S15	"Software When You Have Time..." by Mark Goodkin
Software Suprt	L4	Word Filters Down from Bill Johnson, Heath Co.
Software Update	L81	John Beyers' Latest Software Project
Software Z-100	S7	"Z-100 Software Roundup" by Frederick Zimmerman
SOLARSIM	S38	"Planetarium on Disk"; For Z-100 & PC - Paul Hansen
SOLARSIM	B122.5	SOLARSIM Shows Solar System in Color; Z-100 - Cygnus
Solo Hard Disk	R51	".Review 5Mb removable Hard Disk"; fm Solo - T. Jensen
Sort Files	R51	"DISKSORT, Speedy File Sorter"; For many OS. - R. Rumpf
Sort Files	R145,146	"Sort, Search & KWIC Indexes 1&2"; Keywords - J. Day
Sort Pgms	B104.7	World's Two Fastest Sorts - ADSORT, PGSORT - Rick Lutowski
Sort Schemes	S3	"The World's Fastest Sort?" by Rick Lutowski
Sort Schemes	S4,5	Ltrs provide add'l Fastest Sort info
Sort Schemes	S21	"See Seven Sorts" by Robert Crawford
Sort String	R08	"String Sort"; BASIC - B. Stillman
SORTER Bug	R18	"HUG Bug"; On HUG #885-1044, Self destruct - J. Mullins
SORT.EXE	S21	"Z-100NB"; Using SORT.EXE - Alison Phillips
SORT.EXE	S23	Ltr- SORT won't sort random-access files
Sound Beep	L26,27	Q&A: Can Z-100 say anything besides BEEP?
Sound H-89	R23	"Let There Be Sound"; Z-89 - Bob Ellerton
Sound PSC-100	L4,14	"Gernware PSC-100 Programmable Sound & Control Board"
Sound Z-100	L27	"Making Sounds w/Z-100"; Pgm 8741, U204 - Lee Hart
Sound/Clock Kit	S9	"Build an H/Z-89 Sound/Clock Board" by Ray Albrektson
Sound/Clock Kit	S11	Ltr- Software for H/Z-89 Sound/Clock Board
SPACE QUEST	R95	"Trust me..."; And Other Games, PCs - J. Buszkiewicz
Special Chars	R145	"Words of a Feather"; Foreign char sets - J. Hoffer
Speech TypeTalk	R45	"Using Speech Syn Under CP/M"; Vortax - B. Brownlee
Speech TypeTalk	R53	"Using Speech Synthesizer on Z-89" by B. Boyd
Speed EasyPC	L88	"Operating EasyPC at 8MHz or faster"; Z-100
Speed Gemini	L3	"Gemini won't run properly at 7.75 MHz?"; Z-100
Speed Measurmnt	R26	"Speed on Heath Micros"; Prime #s, BHBASIC - A. French
Speed Upgrade	R140	"H/Z Useful Upgrades" by Henry Fale
Speed Upgrade	WEB	"Z-100 8MHz & 256K RAM Upgrade"; HA-108 kit
Speedup	--	See Approp. Computer Sys, e.g. Z-89 Speed, Z-100 Speed
SPELLBINDER	R86	"Weaving Spels w/Spellbinder"; From Lexisoft - P. Ruber
SPELLBINDER	R38	Q&A- Patch to Spellbinder Undrln or Block Cursor, Z-89
SPELLBINDER	S7	"Word Processing You Can Program" by Walter Jung
SPELLBINDER	B109.2	SPELLBINDER Seriously Flawed for Writers - William DuBay
SPELLBINDER	B113.3	SPELLBINDER Solutions for DuBay - Charles E. Seth
SPICE Circuit	R130	"...Analog Circuit Simulator"; SPICE, PC - M. Hardwick

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SplitOCT-> DEC	R26	"Spinwriter 5510 for the H89"; Reqs jumper - B. Schmidt
SplitOCT-> DEC	R28	Ltr- Convert Split OCT to DECimal; MBASIC - G. Hawthorne
SplitOCT-> DEC	R30	"Split Byte OCT/DECimal Add/Subtraction" by R. Traub
Spooler	--	"Oops, the Missing Program" to R. Traub Article
Spreadsheet	L46	See Print Spooler
Spreadsheet	L56,57	Insert: "Geographic Distance Calculator" by Steve Vagts
Spreadsheet	L61	Insert: "Federal Tax Spreadsheet, Form 1040A"
Spreadsheet	R41	"Form 1040A Spreadsheet Update"
Spreadsheet	R43	"Grocery Shopping Using SuperCalc"; Z-89 - J. Johnson
Spreadsheet	R45	Ltr- Correction to 'Grocery Shopping...'
Spreadsheet	R80	"3 Sprdshts"; Multiplan, SuperCalc, ZenCalc - J. Turrell
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Spreadsheets	S5	Forces, Falling Body, Trajectory, Optics, Impedance RC
Sprdsht ASCII	R54	"Eight Spreadsheets Compared..." by Kenneth Patrick
Sprdsht C1	R54	Ltrs provide add'l spreadsheet information
Sprdsht C2	R55	"...Transfer ASCII Files Into MultiPlan" by K. Simmons
Sprdsht C3	R56	"Spreadsheet Corner 1"; Series by H.W. Bauman
Sprdsht C4	R57	Profit/Loss Spreadsheet in Lotus 1-2-3, Z-100
Sprdsht C5	R58	Profit/Loss Spreadsheet in MultiPlan & PeachCalc, Z-100
Sprdsht C6	R61	Profit/Loss expanded in 1-2-3, Z-100
Sprdsht C7	R61	Profit/Loss expanded in MultiPlan/PeachCalc, Z-100
Sprdsht C8	R62	Fed Income Tax Spreadsheet using 1983 forms, Z-100
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Sprdsht C12	R69	Database Pgms, such as DBAS II & Condor, Z-100 & PC
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Sprdsht C14	R76	Family Budget & printing in Lotus 1-2-3, Z-100 & PC
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Sprdsht/DB1	R92	"Spreadsheet Corner Review1"; Series by H.W. Bauman
Sprdsht/DB2	R93	"Spreadsheet Rvw2"; Lotus 123 Rel2, 8087 CoProc, EMS/EEMS
Sprdsht/DB3	R94	"Spreadsheet/Database Corner 1"; Series by H.W. Bauman
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Sprdsht/DB3	R95	Review - Hard Drive Recovery and Utilities
Sprdsht/DB4	R96	Back to Review, discuss Paul Mace Software: MACE Utils
Sprdsht Diet	R98	Two important commands to cover, SORT & INDEX
Sprdsht SysLog	R43	More dBASE commands; EDIT, BROWSE, REPLACE, LIST, ERASE
Sprdsht Wksht	R71	"Data Dating in Spreadsheet"; Julian Dates - J. Ellery
SPRINT	L7	"SuperCalc as a Diet Manager" by J. Johnson
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Sprinter MPI	R56	"Using Sprint in 50-Line Display Mode" by Gary Appel
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STARFLEET Game	B88.4	"The Sprinter by MPI"; Portable DM Ptr - J. Buszkiewicz
STARFLEET Game	B95.6	AVES Games: Airlift, Starfire, Starhawk, SilentRunner
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STARHAWK	R95	STARFLEET - Space War Game for H/Z-100 - Ralph W. Boyd
Static Electric	R133	STARFLEET will run on any H8, H89, or H100 - Ralph W. Boyd
Static Electric	R135	AVES Games: Airlift, Starfire, Starhawk, SilentRunner
Statistics	B156.5	"Z-100 Shoot'um Up"; Games - M. Elwood
Staunch 8/89'er	--	"LeadEdge"; Static electricity & humidity - W. Adney
Staunch 8/89'er	--	"ZAP, No More Data"; Typ Electrostatic Volt - R. Miller
Staunch 8/89'er	B148.8	MicrOsiris Stats Software; Z-100 & PCs - Van Eck cmprtr Cons.
Stiction	--	Newsletter for H-8/H-89 by Hank Lotz, Dec86-Sep87, #5
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Stiction	WEB	Kirk Thompson Takes Over as Editor From Hank Lotz
Stock Analysis	B108.7	See Hard Disk Stiction
StockMkt Sim	R42	First hand knowledge from Darrall Pride
String Sort	R08	"Seagate ST-251 HDrive, Stiction Revisited"; L139 Insert
		\$Fund Stock Analysis Pgm - Newline Software
		"Millionaire Stock Market Simulator" by T & D Huber
		"String Sort"; BASIC - B. Stillman

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ST-251 Seagate	B146.4	Help w/ST-251 PREP; add 22uF Cap to 5Vdc Line - Ivan Cooper
ST-251 Seagate	L141	"Hard Drive With a Split Personality"
ST-251 Seagate	WEB	"Seagate ST-251 HDrive, Stiction Revisited"; L139 Insert
Submarine Game	B108.8	USS Fast Attack Submarine Game; Z-100 - Interdiscipline, Inc.
SUBMIT Turnkey	R25	"Turnkey Ops Using CP/M, MBASIC & SUBMIT" by R. Conde
Sunrise,Sunset	R12	"Sunrise, Sunset"; BASIC - L. Schearer
SuperCalc	R41	"Grocery Shopping Using SuperCalc"; Z-89 - J. Johnson
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SuperCalc	R45	"3 Sprdshts"; Multiplan,SuperCalc,ZenCalc - J. Turrell
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SuperCalc	S18	"Z-100NB"; MWand same as PeachCalc - Alison Phillips
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SuperCalc Wksht	R45	"SuperCalc Worksheet Pgm"; Print Wksheet - E. Rogers
SuperCalc3->ZPC	R71	"ZPC Update #2"; Patches SuprCalc3 for ZPC - P. Swayne
SuperCalc3 Ptch	R75	"ZPC Update #5"; Another SuperCalc Patch to try
SuperCalc5	R114	"LeadEdge"; No way to customize colors! - W. Adney
SuperSet	R107	"SuperSet Improvements"; Pg 65
SuperSoft 'C'	B73.3	SuperSoft 'C' Compiler for CP/M and ZDOS description
Super89	R33	Ad- Describes Super 89 CPU board by DG Electronic Dev.
Super89	R44	"Turning ON the Super89"; Z-89 - W. Gillespie
SURF	S28	"Z-100NB"; SURF surface plotter pkg - William Locke
SURFER	S39	"Z-200 Series"; SURFER surface plotter - W. Locke
Surge Prot	L48	"Protect Electronic Equipment"; Surge, UPS, Sizing
Surplus	L7	"Z-100 Surplus Situation"
Surplus	L25	"Good Deal, or Good for Nothing?"
Surplus	L30	Q&A: Why is Govmt getting rid of Z-100s all at once?
Surplus Parts	L38	Ltr- Surplus H/Z parts available
Survey	L12	1991 Survey Results - 148 Responders
Survey	L34,35	Z-100 LifeLine Survey: 1994
Survey	L79	Z-100 LifeLine Survey: 2001
Swap Processor	L22	"Processor Swapping"; Dual Processor Environ, Listing
Swap Processor	L23	Feedback: "Processor Swap" fix for MASM4 - B. Rasch
Swayne	L89	Lunch with Patrick Swayne, former HUG engineer
Swayne	L90	Description of Pat Swayne's Z-120 computer
swvagts.com	L129	My public domain for new Z100LifeLine website; Replaced Earthlink host, Aug2019
SW-3000 Comptr	S30	Notes- H/Z SW-3000 is 80286 8MHz computer
SW-3010 Monitor	S30	Notes- H/Z SW-3010 is 13" Hi-Res EGA color monitor
SYMDEB Debugr	L19	"Advanced Debugging with SYMDEB"
SYMDEB 2Termnl	L19	"TERM.ASM"; Use two terminals, Pg11 - Paul Herman
SYMON.BAS	S16	"SYMON Says: Challenge Your Memory" by Edward Byrnes
SyQuest Drive	L92,93,95	Insert: "SyQuest Removable Hard Drive Documentation"
SyQuest Drive	B125.1	Syquest Removable Cartridge HardDrive; Z-100 - CDR Systems
SYSET Pgm	R42	"What Does Set SY: Set?"; HDOS - B. Tavalga
SYSET Pgm	R44	Ltr- Add'l on 'What Does Set SY: Set?'
System Halt	L1	"Sidestepping a System Halt"
System Log	R71	"System Log..."; IRS-Must track use, Z-100 - R. Hudson
System Setup1	R69	"Set Up Your System"; Hard & Software - W. Adney
System Setup2	R71	"Set Up Your System"; Useful Utils & Pwr Protect
System Setup-	R77	Ltr- Comments on "Set Up"; Power protect - B. Rathkamp
S-100 Buss	L131	Insert: "S-100 Buss pin definitions"
S-100 Card	L52	Ltr- Z-100 with several strange S-100 boards
S-100 Column	L22	'The Computer Journal' Begins S-100 Column
Table Kit	S11	"Build Portable Computer Stand" by Nelson Cochran
Tape Backup	R98	"IMAGER Backup"; Video Tape Backup, PCs - J. Katz
Tape Backup	R107,119	"LeadEdge"; IMAGER Video Tape Backup, PCs - W. Adney
Tape Backup	B152.4	IMAGER BackUp Util Uses Video Cassette Recdr - Autofax Corp
Tape Drive	B111	Interfacing a Cipher 525 Tape drive; Z-100 - Norman Prevett
TASM-assemblr	L50	"TASM-Table Driven Cross Assembler" by Thomas Anderson
Tax Spreadsh	L56,57	Insert: "Federal Tax Spreadsheet, Form 1040A"
Tax Spreadsh	L61	"Form 1040A Spreadsheet Update"
TCS CP/M Emul	B58.7	'TCS' CP/M Emulator for the Z-100; CP/M-85
TEAC FD-55FGV	B127.4	Interface TEAC FD-55FGV 1.2Mb Drive; Z-100 - Eugene Sikora
TEAC FD-55FGV	B129.5	Patch 96tpi Drvs, IO.SYS & FORMAT; Z-100 - William Tavalga
TEAC FD-55FGV	B132.2	50-pin Ctrlr to 34-pin TEAC 1.2Mb Drive; Z-100 - Ken Goto

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TEAC FD-235HF	L34	Insert: "TEAC FD-235HF 3.5" Dual Dens Drive"; Specs
TEAC FD-505	L76	Insert: "TEAC Dual Dens Floppy Drives"; Specs, Jmprs
TEAC FD-505-100	L42	Insert: "Dual/Quad Density Drive"; Jumper settings
TEAC FD-505	WEB	"Teac Dual Density Floppy Drive"
Tecmar Captain	R74	Ltr- Hoping Others...; 1 ver for Z-150 - J. Curtsinger
Tecmar Captain	R76	Ltr- Software Wizardry Rebutal; ROM Diff for H/Z PC
Tecmar Captain	R76	Ltr- Tecmar Captain...; Or move RAM - R. Massa
Tektronix 468	L136	Insert: "Tek 468 Digital Oscopoe Repair" by Charles Hett
Tektronix 468	WEB	"Tek 468 Digital Oscilloscope Repair" by Charles Hett
Tektronix 4010	R71	"Tektronix 4010 Emu"; Flexitek, VGRAPH, Z-100 - J. Lee
Tektronix 4010	S18	"Terminal Emulation for Z-100" by Glenn Roberts
Teletek Z-150MB	S15	Notes- Mem board for Z-150 w/RTClock & game port
TELLSTAR	R68	"TELLSTAR, Win To Universe"; Astronomy, PC - R. Rumpf
TERM	R71	"Set Attributes of Console & Ptr"; Z-89 - W. Pierpoint
Term Emulator	S26	"Writing Hdware-Independ Terminal..." by William Hall
Term Emulators	---	See 'Z-100 Emulator' below
TERM.ASM	L19	"TERM.ASM"; Two terminals w/SYMDEB, Pg11 - Paul Herman
TERM3.BAS	L63,64	Insert: "Two Terminal Operations!"; Terminal program
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Terminal Ctrl	R53	Ltr- Corrections to "Terminal Ctrl" - D. Bailey
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Tester, ESR	L130	Insert: "Mega328 LCR-T4 ESR Transistor Tester" Kit
Tester, Freq	L131	Insert: "DL4YHF2 Freq Counter & Crystal Tester" Kit
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Tester, Mega328	L130	Insert: "Mega328 LCR-T4 ESR Transistor Tester" Kit
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Tester, Scope	L138	Insert: "DS0150 Oscilloscope kit & Manual"
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Text Editor	R11	"Get Start w/Text Editor"; HUG's ED - W. Campbell
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TMSI H-1000	S16	Ltr- Complaints regarding H-1000
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ToolWorks 'C'	B104.5	Toolworks' 'C' Compiler for the Z-100 - Software Toolworks
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Travel	R74	"Computers in Europe" by D.C. Shoemaker
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TREECOPY Bug	R102	Ltr- Error in TREECOPY; Add'l re DOS3 PUP - R. Ferch PUP
Tree Data Struc	R51	"Intro to Data Structures, Trees" by E. Yount

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Trig InvFunc	R26	Ltr- Inverse Trig Functions for BHBASIC, Z-89
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TPASCAL	R106	"Turbo PASCAL, Pt1"; Basic Commands - M. Elwood
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TPASCAL	S25	"Turbo PASCAL: New BASIC Language?" by Hugh Kenner
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TPASCAL CHAOS	R109	"CHAOS M'scope"; Fractals, Verhulst Equatn - H. Kenner
TPASCAL ClrScn	R103	"Clear < Screen..."; Z-100 & PC version - K. Greer
TPASCAL Color	R78	"Keybrd Code, Menus & TPASCAL"; Color TP - J. Jeffrey
TPASCAL DirSort	R82	"PASCAL Dir Sort..."; CP/M, DOS - T. Merriman
TPASCAL Flow	B95.2	Turbo PASCAL lacks mod developmt, libraries - Eigenware
TPASCAL Flow	B97.6	Turbo PASCAL Defense & Tip for Users - Robert McDermand
TPASCAL Flow	B98.4	Turbo PASCAL Preferred over Other PASCALS - David Powers
TPASCAL Input	R92	"User Input in Turbo PASCAL"; Z-100 & PCs - R. Ferguson
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TPASCAL ZPC	R81	Ltr- ZPC Patch Prob; TurboEditor inop - S. Neumann
TPASCAL4	S39	"...Send Printer Output to Disk" by Michael Schwarz
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Turbo Z100	B97.4	Turbo Z100 - No-solder SpeedModule; Z-100 - Del Scientific
Twist_Shout	B122.5	Twist & Shout Sideways & Banner Pgm - Ron Gold, Spectre Tech
Twist_Shout	B138.3	Upgrade to Twist & Shout; CP/M, ZDOS - Spectre Technologies
TwoTermOps	L62,63	Insert: "Two Terminal Ops!"; Hardware cables & softwr
TwoTermOps	L64	Insert: "MTR-ROM v4.2 TXCVR Programs" by John Beyers
TwoTermOps	L72	HOWGOZIT: Two terminal update; display problems
TwoTermOps	R33	"CP/M Console Swapper" by B. Ellerton
TwoTermOps	R42	Correction to CP/M Console Swap above
TwoTermOps	R52	"Download (Txfer) Binary & ASCII Files" by A. Wilcox
TwoTermOps	R85	"Networking"; Z-89 <-> Z-100 via Ser ports - F. Kent
TwoTermOps	R87	"Two Terminal Games"; MBASIC, ASM, Z-89 - Steven Vagts
TwoTermOps	R89	"More Two Terminal Games"; POKE - Steven W. Vagts
TwoTermOps	B90.5	Connect H8 to Z-100 - DCE/DTE explained - Glenn Roberts
TXCVR Pgms	L64	Insert: "MTR-ROM v4.2 TXCVR Programs" by John Beyers
TXCVR.COM	L63,64	Insert: "Two Terminal Ops!"; Assembly program listing

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Type & Talk	R53	"Using Speech Synthesizer on Z-89" by B. Boyd
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UCI EasyRAM	B121	Mod to Reduce Z110 Fan Noise; Bad UCI RAM - Chris Ellinger Caused by suspect bad NEC 256 RAM ICs on Z-100 MBoard!
UCI RAMdrive	--	See Z-100 RAMdrive
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Upgrade Z-100	L15	"Z-100 Upgrade3"; Z-100 Power Supply, Reqs load...
Upgrade Z-100	L16	"Z-100 Upgrade4"; Zenith Z-100 MTR-100 Monitor ROM
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Upgrade Z-100	L108	Insert: "Beginner's Guide to Z-100"; Updated - S. Vagts
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User Guide	S28	"CompSelfDef"; Series by Doris Wagner & Alan Heigl
User Guide	S30	"CompSelfDef"; Terminology, operating sys
User Guide	S32	"CompSelfDef"; Computer documentation
User Guide	S39	"CompSelfDef"; File names, keys & chars, ASCII
User Guide	S40	"CompSelfDef"; Op sys features, write-protect, myths
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Utah COBOL	R80	Ltr- COBOL for Masses; \$40 COBOL, Z-100PC - L. Roberts
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VDISK.SYS	S29	"Z-100NB"; VDISK, DOS v3 vers of MDISK - W. Locke
VEGA-BOUND 1	R51	"Vega-Bound 1"; Z-100 graphics space game - T. Huber
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Video Pt6	L13	"Understd Z-100 Vid"; Graphics & Colors
Video	L24	Q&A: Can Z-100 video be sped up?
Video Align	L42	Insert: "FSBulletin Z-100-010", 4 ZBASIC pgms to help
Video Amber	L46	Z-100 News, 13 Yrs Ago Today: Z-120 display option
Video Board	L68	Insert: "Monitors for Z-100"; Collection of info
Video Board	L42	Insert: "FSBulletin Z-100-051"; Video brd power load
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Video Config	L79	Insert: "Z-100 User Configs"; Appendix I, User's Man
Video Config	WEB	"Configuring the Z-100, Appendix I"
Video Dim	L42	Insert: "FSBulletin Z-100-034/-050"; Z-120 Display Dim
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Video Cabling	L14	"Z-100 Video Cabling"; Video Monitor & ZVM-135 Pinout
		The ZVM-135-1 Cable is used w/ZVM-134/135/136 monitors
Video Cabling	L79	Insert: "Z-100 User's Man"; ZVM-134/135 Monitor Pinouts
Video Cabling	L99	"Easy ZVM-131 or ZVM-135 Monitor Cable"
Video CGA->VGA	L126	Insert: "GBS-82xx CGA to VGA Converter" by Charles Hett
Video CGA->VGA	WEB	"GBS-82xx CGA to VGA Converter" by Charles Hett
Video CtrlPort	L5,6	SuperQuiz: Why use Flash & Color enable bits?
Video Display	L3	"Z-100 Video Display"
Video Intense	L79	Insert: "Z-100 User Configs"; Video cable intensity
Video Intrlace	L9	SuperQuiz: Using Interlaced mode for 50-line display?
Video Intrlace	L17	"High-Res (640x480) Basic"; Programmers Wanted
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Video Pinout	L79	Insert: "Z-100 User Configurations"; Z-100 RGB Pinout
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Video RGB->VGA	WEB	"GBS-8219 RGB to VGA Converter" by Charles Hett
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WWord Macro	R146	"By Your Command 2"; Pushing the envelope
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WPerfect4	R102	Ltr- Bug in WPerfect4.2; Clock 02:00 - D. VerMerris
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WStar3.3	B121.6	Get WStar 3.3 to Print 160 Lines/Page - Fritz Hellmuth
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WStar4	R103	Ltr- WordStar's Shorthnd; Make MilitaryDate - S. Jacob
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WStar4	S37	"WordStar 4: CP/M"; HZ-90/100 - Frank Hutchison
WStar4 vs 3	R93	"...Compare WordStar 3 & 4"; WS Z-100 Ptch - P. Swayne
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WStarPro5	R112	"...WordStar Prof V5.0"; Review, Z-100PC - R. Mueller
WStarPro5	R116	"Get Start w/WordStarPro, Rel5" by G. Elder
WStar2000+	R110	"...Enhanced WS2000+ v3.0"; PCs - R. Mueller
WORKS Microsoft	--	See MS WORKS (Microsoft Integrated Software Pkg)
WRHUGCON '84	R57	"Western Reg HUG Conf"; Nov 10, '84, Anaheim, CA
WRHUGCON '84	S16	"HUGCON West Takes Off" by Mark Goodkin
WRHUGCON '85	S22	"WRHUGCON's Magic Kingdom" by Victoria Saxon
WRHUGCON '86	S27	"WRHUGCON 3: HUGgies in Disneyland" by Kieran O'Leary
WriteHandMan	R107	"Write-Hand-Man Enhancements"; pg 65
WriteHandMan	S22	"Eight-Bit World"; CP/M Desktop Util - W. Janowski
Writing Guide	S9	"Guide to Writing for 'Sextant'" by John Walker
Writing Help	R142	"First Aid for Writing"; RightWriter - M. Haverstock
W.I.S.E. Board	S14	"Let Your H/Z-89 W.I.S.E. Up" by James Bingham
XAMPP	L129	Localhost (Home installation) of new Z-100LL Website
XBASIC	R18	Ltr- Patch XBASIC allow LowerCase on H11/H19 - F. Kent
XCONTROL	R126	Ltr- X-10 Powerhouse; XCONTROL Features - W. Sexauer
XCOPY	R115	"LeadEdge"; Using DOS' XCOPY Command - William Adney
XEBEC MFM Ctlr	WEB	"CDR-317 Host Adapter User Manual"; w/XEBEC HD Ctlr
XMAS2003.BAS	L90	Insert: "ZBASIC Christmas Graphics 2003" by Steve Vagts
XPRINTER	S14	Notes- 'X'PRINTER from Micro Peripherals NLQ Dmatrix
XYZZY ON	S15	"Z-100NB" by Alison Phillips
XYZZY ON	S16	Ltr- Discussion of XYZZY undoc command & "Magic Word"
XYZZY ON	S19	"Z-100NB"; Revisit - Alison Phillips
X-Y Plotter	B80.7	PLOTPRO Plots Scientific Graphs on the Z-100 - SigmaSoft
X-Y Plotter	B89.3	PLOTPRO (graph ptr) & SPP (Signal Proc Pgm)-BV Engineering
X-Y Plotter	B149.8	GRAPH Pgm for X-Y Plots; ZDOS v2-MicroMath Scien. Software
X-10 HomeCtrlr	R31	"Turn on Light..."; Home Control - Jim Blake
X-10 HomeCtrlr	R118	"...Computer Control..."; Heath BC-290P - W. Nabor
X-10 HomeCtrlr	R125	Ltr- Corrections to 'Computer Control' - W. Nabor
X-10 HouseMstr	R31	Ad- HouseMaster HomeCtrlr using X-10 and voice; Z-89
X-10 HouseMstr	R32	Corrections to HouseMaster HomeCtrlr using X-10/voice
X-10 PowerHouse	R81	Ad- BC-5000 Home Ctrl Sys; BC-290 Home Ctrl Interface
X-10 PowerHouse	R83	"Home Security..."; Review - D. Rye
X-10 PowerHouse	R88	Ltr- BSR X-10...; Pgm to use any COM port - A. Cohen
X-10 PowerHouse	R113	BugZap, Pg63, HiSpeed H-386 does not recognize X-10
Y2K Fix	L61	MailBag: Y2K fix; replace w/Etch-A-Sketch
Y2K Prob	L67	MailBag: Lotus 1A, ZBASIC have Y2K prob?
Y2K Prob	L68	Y2K Impact on Z-100: Several pgms use :0 for 2000
Y2K Prob	L122	"Date Patch for CP/M 3's DATE.COM"; Y2K Bug
Y2K ZCLK Patch	L127	"ZCLK Y2K Software Patch"
ZANIMATE	B79.2	ZANIMATE, Color Animation Pgm; Z-100,ZBAS - Microservcs
ZANSI.DVD	L4	"Running InfoCom Games on Z-100" by Roland Biggerstaff
ZANSI ESCapes	L37	Insert: "ZANSI ESCape Sequences"
Z-ARTIST	R59	"Z-Artist" GrafX Pgm for Z-100" by M. Mangerson
Z-ARTIST	R61	OOPS- Rest of Listing for "Z-ARTIST"
ZBASIC	R39	"ZBASIC Power..."; Sine wave pgm - T. Jensen
ZBAS Anima	S21	"BASIC Q/A"; BASIC animation - Edward Byrnes
ZBAS ASM	L72	"Calling ASM Routines from ZBASIC"
ZBAS ASM	WEB	"Calling ASM Routines from ZBASIC"
ZBAS Banner	S24	"Print Big in BASIC & TurboPASCAL" by Peter Wentworth
ZBAS Battleshp	S20	"ZBASIC Battleship"; Chg to MBASIC - Gil Hoellerich
ZBAS Beep	L4	Q&A: ZBASIC v1.1 Beep command "Device Unavail" patch
ZBAS Beep	L71	Corrections to ZBASIC Games; ZBASIC v1.1 has BEEP prob
ZBAS Beep	S15	"Z-100NB" by Alison Phillips
ZBAS Beep	B07.1	Patch to repair Broken BEEP in ZBASIC - Eric R. Litt
ZBAS CAKE.BAS	L130	Insert: Pgm to celebrate 100 th Z100LL issue - S. Vagts

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ZBAS CAT.BAS	R73	"Where's That File..."; Z-100 ZBASIC - P. Fuhrmeister
ZBAS CHR\$	L51	"ZBASIC CHR\$ Functions"
ZBAS CHR\$	L51,52	Insert: "ZBASIC CHR\$/ESCape Codes"
ZBAS CIRCLE	S19	"Z-BASIC's CIRCLE Does More..." by Robert Thorne
ZBAS Clock	S28	"Put New Face on H/Z-100's Clock" by Angelo Giambra
ZBAS Clock	S29	Ltr- Fix to permit clock face pgm to strike midnight
ZBAS Clock	S30	Ltr- Change Z-BASIC's DATE function for GWBASIC
ZBAS CmdLineIn	R125	"Cmd Line INPUT for Compiled BASIC Pgms" by K. Granzow
ZBAS Color	S17	"Making Z-BASIC Colorful"; Mixing Color - Sidney Hack
ZBAS Color	S19	Ltr- Number of color combinations was overstated
ZBAS Compiler	L117	"ZBASIC Compiler Prob/Bug?"; Doesn't use CHR\$(27) ESC
ZBAS CROSSREF	R55	"Inside MBASIC"; Cross Ref Utility, Z-89 - D. Dodgen
ZBAS CROSSREF	R58,59,61	Ltrs- Comments on errors - C. Mowery
ZBAS CROSSREF	R64	Ltr- Revised CrossRef Util for Z-100 - M. Zapolski
ZBAS CRG.BAS	R75	Ltr- Harper's June 85 Art; ZBASIC, Z-100 - M. Zapolski
ZBAS DataStrc	R49	"Intro to Data Structures"; BASIC, FORTRAN - E. Yount
ZBAS DataStrc2	R51	"IntroDS 2, Trees"; BASIC - E. Yount
ZBAS DataStrc3	R57	"IntroDS 3, Hash Tables"; BASIC - E. Yount
ZBAS DateCvsn	R61	"...KISS Dating"; Julian-Calendar Convsn - R. Winkler
ZBAS DEMO Pgm	R45	"Run HandsOff Demo ...Pgm"; Run w/DEMO.BAS - V. Arias
ZBAS DOSMENU	R62	"A Menu for Z-100 Windows Files" by S. Chiavetta
ZBAS DOSMENU	R67	Ltr- Devoute BASIC User; Alternate DOSMENU - J. Mosow
ZBAS DSKLBL	R72	"DSKLBL.BAS..."; MBASIC, CP/M, HDOS, Z-89 - R. Boehlein
ZBAS DSKLBL	R79	Ltr- DSKLBL...; Mods for GWBASIC, Z-100 - J. Nikolai
ZBAS Emulator	S18	"Tektronix Terminal Emulation..." by Glenn Roberts
ZBAS ESCape	R114	"Z-100 Survival"; Spec Probs in BASIC - Paul F. Herman
ZBAS Flag	R40	Finish a Flag started last time... - G. Kabelman
ZBAS Flag	R43	Ltr- Corrections to Flag program
ZBAS FontEd	R42	"Z-100 Font Editor"; FONTED.BAS, Z-100 - M. Aagenas
ZBAS FontEd	R50,54	Ltr- Comments and mods to "Z-100 Font Editor"
ZBAS FORTH	R56,58	"Z-FORTH: ..."; Converts BASIC to FORTH - R. Nelson
ZBAS Fractals	S23	"BASIC Fractals"; Fractal pgm - Edward Byrnes
ZBAS Fractals	S24,25	Ltr- Fractal program mods to enable compile & speedup
ZBAS Fractals	S26	Ltr- Saving fractal parameters w/program
ZBAS Fractals	S26	"Winning Fractals"; Program Mods - Edward Byrnes
ZBAS Fractals	S28	Ltr- more fractal modifications
ZBAS Fractals	S34	"Fast Fractals"; For Z-100 or PC - Kenneth Wright
ZBAS Fractals	S35	Ltr- Changes to Z-100 "Fast Fractals"
ZBAS FROGMATH	L46	Insert: "FROGMATH"; CAI, ZBASIC, Z-100 - Steven Vagts
ZBAS FROGMATH	WEB	"FROGMATH"; CAI, ZBASIC, Z-100 - Steven W. Vagts
ZBAS FuncKey	R46	Ltr- ZBASIC WorkFile Initial SoftKey Setting Program
ZBAS Game	L5,6	"Escape from Warehouse"; ZBASIC Listg - Thierry Klein
ZBAS Game	L71	Corrections to ZBASIC Games; ZBASIC v1.1 has BEEP prob
ZBAS GoTo	R54	"Paying the GOTO Ransom"; Alternative GOTO - D. White
ZBAS GOUTTE	L8	"Z-100 Game Using Char Grafx"; 'DROP' - Thierry Klein
ZBAS GrafGrid	R55	Ltr- Z-100 Graphics Pgm to print out a grid - J. Elam
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ZBAS Graphics	S15	Notes- Z-BASIC Graphics & Games from Intuitive Logic
ZBAS Grafx Prob	R64	Ltr- MSDOSv2.13 ZBASIC Graphics Pgms bug - B. Pidoux
ZBAS GraphIt	R49	"Simply Graph It!"; BASIC code display #s - C. MacKeand
ZBAS HALLOW08	L116	"HALLOW08.BAS, Halloween Grafx 2008"; PAINT - S. Vagts
ZBAS HiResVid	L17	"High-Res BASIC: Programmers Wanted", For PROSCAN pgms
ZBAS HorzTab	R57	Ltr- Still Bugged w/HT; ZBASIC pgm - D. Vickers
ZBAS Imprvmts	S15	"Z-100NB" by Alison Phillips
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ZBAS Interlace	L9	Quiz: Z-100 Interlaced video mode from ZBASIC
ZBAS LINE	R83	"LINE Clipping in BASIC"; LINE command prob - J. Tursa
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ZBAS Lottery	S19	"BASIC Q/A"; Computer lottery number - Edward Byrnes
ZBAS Manorah	R62	Ltr- Little Late...; Jewish manorah pgm - J. Bursstein
ZBAS Memory	R63	"SHORTEN: Save Memory in BASIC Pgms" by P. Brans
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ZBAS Map Pgm	R51	"OOPS!- List left out: A=0 1, B=0 2, C=0 3, D=0 4
ZBAS Map Pgm	R52,53	Ltr- More changes to "Mapping Pgm" - T. Miller
ZBAS Part 1	R34	"Intro to ZBASIC..."; Color - Series by Gerry Kabelman
ZBAS Part 2	R35	Locate command at Line 25
ZBAS Part 3	R37	Look at the PSET and DRAW commands
ZBAS Part 4	R38	Look at PAINT, GET and PUT commands
ZBAS Part 5	R39	Look at CIRCLE, and more GET and Put uses
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ZBAS Part 7	R41	Look at BEEP, COLOR, SCREEN & POINT
ZBAS Part 8	R42	Look at CSRLIN, DATE\$ & TIME\$
ZBAS Patch	L90	Patch to ZBASIC v1.1 for BEEP problem
ZBAS Patch	R57	ZBASIC Patch; Fix ZBASIC 1.1 BEEP Bug - Patrick Swayne
ZBAS PreProc	S22	"...Preprocessor: Pgms w/o..." by Larry Oberholtzer
ZBAS PreProc	S23	Ltr- SBASIC is alternative to ZBASIC Preprocessor
ZBAS Prime #s	R57	Ltr- Z-100 Bnchmark Primer, ZBASIC Prime #s - Gilbreath
ZBAS Prime #s	R64	Ltr- Z-100 Bnchmark Primer, Missing Table - R&J. Hirsch
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ZBAS RndomFile	R44	Q&A- Lose last part of MBASIC random file using PIP?
ZBAS RndomFile	R50	"Random Files"; MBASIC - D. Warnick
ZBAS RndomFile	R51	"Random Files, Sorting 1" by D. Warnick
ZBAS RndomFile	R52	Correction (pg63) - D. Warnick
ZBAS RndomFile	R52	"Random Files, Sorting 2" by D. Warnick
ZBAS RndomFunc	R49	"...Random Numbers & Random Function" by K. Mortimer
ZBAS RndomTime	R59	Ltr- Problem Using RANDOMIZE TIME - D. Tapparo
ZBAS Rndom #	L71	Corrections to ZBASIC Games; RANDOMIZE causes video prob
ZBAS Rndom #s	R53	Ltr- A Prob w/ZBASIC random # gen - D. Harvey
ZBAS Rndom #s	R55,56,57	Ltr- Other solutions, comments
ZBAS RATMAZE	L117	"ZBASIC RATMAZE Game"; FONT Char Set - Steven W. Vagts
ZBAS SciCalc	R56	"LeadEdge"; SciCalc Scientific Calculator by W. Adney
ZBAS Simulate	R50	"ZBASIC Simulation Techniques"; Z-100 - A. Smith
ZBAS Sunrise	R12	"Sunrise, Sunset"; ?BASIC - L. Schearer
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ZBAS Spiral	R64	"Spiral Magic..."; PASCAL & ZBASIC, Z-100 - G. Cramblitt
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ZBAS TankGame	R54	Ltr- Correction to 'Tank Game' - M. Sickle
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ZDOS4.01 IO.SYS	L76	Insert: "DOS v4.xx IO.SYS"; Caused COPY R/W errors
ZDOS4.01 PREP	L46	"More on Z-DOS 4.01"; Replacement fixed PREP Prob
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ZDOS4.06 HELP	WEB	"Z-DOS v4 Help System"
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ZDRAW1.04	B91.5	Z-DRAW v1.04 Adds Scaling Command - Redwood Developmt
ZDRAW1.05	B94.5	Z-DRAW v1.05 Adds Rotation Feature - Redwood Developmt
ZDRAW1.06	B96.3	Z-DRAW v1.06 Adds Mirror Function - Redwood Developmt
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"Ziggy Zenith"	L46	"ZPC#7" Cont; Testing ZPC Hardware Support Cir, ZHS
ZIMAGE v4	L112	Z-100 News, 13 Years Ago Today: Zenith Campaign
ZIMAGE v4	WEB	Insert: "ZIMAGE v4"; Has issues, needs help
ZIOMATE	S23	"ZIMAGE v4"; Has issues, needs help
ZIOMATE-100	B122.1	Notes- ZIOMATE provides Z-100 connection w/ext sys
ZIOMATE-100 Kit	L120	ZIOMate-100 is Z-100 A/D, D/A I/O Brd - Spectro Prods
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8087 Kit	L16	8087 Kit Available from Quikdata Inc: UCI Easy-87, \$89.
8087 Options	L6	Q&A: 8087 Options in the Z-100? There were five: Zenith Z-216 Brd, which plugged in 8088 socket on Mbrd Gemini Technologies 2+2 Board mounted on Motherboard Gemini Technologies Gemini PC Emulator Board on Mbrd UCI Easy-87 which plugged into 8088 socket on Mbrd Hughes & Assoc Z-Support Board which was a S-100 board

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Cheers,

Steve Vagts


