

Software diskette ALL-07 #1

1. Programmer Files :

2. REVISION of programmer software :

EEP1.EXE

- V3.73 04/01/99 1) to add the WINBOND W29C020C & MXIC MX29F040
2) the modifications are as follows:
 - a. to rename WINBOND W29C020C (W29EE021) to W29C020/C (W29EE021)
 - b. the protect function of BMI BM29F040
- V3.74 04/08/99 1) to add the WINBOND W27L010 device
2) to modify the erase function for MXIC MX26C512A and erase before blank check in auto mode
- V3.75 04/15/99 to add the devices such as:
DALLAS DS1250W & WINBOND W27C020M
- V3.76 04/22/99 to add the ATMEL AT28BV256
- V3.77 04/29/99 to rename the FUJITSU devices as follows:
29F040/A/B/C -> MBM29F040/A/B/C
29LV001TC -> MBM29LV001TC
29LV040B -> MBM29LV040B
- V3.78 05/06/99 to add the devices such as:
SGS-THOMSON M28C64, M28C64-A, & M28C64-XXW
- V3.79 05/13/99 to add the MXIC MX29F001B device
- V3.80 05/20/99 1) to add the ATMEL AT49LV1024/1025 devices
2) to modify the DALLAS DS1244Y:
to add read and write time clock option
- V3.81 05/27/99 to add the ATMEL AT49BV512 device
- V3.82 06/03/99 1) to add the devices such as:
SANYO LE28F4001 & SST 27SF256
2) to modify Boot lockout function for AT49F020
- V3.83 06/17/99 to add the FUJITSU MBM29LV001BC
- V3.84 06/24/99 1) to add the RAMTRON FM1608
2) to modify the ATMEL AT29C040A in the screen of the Protect adding note
3) to modify the screen of the Protect for ATMEL AT29C040
- V3.85 07/01/99 1. to make AT29C010/A/MC010 splitted to AT29C010/MC010 and AT29C010A
2. to add the Bootlock function for ATMEL AT29C010A
- V3.86 07/08/99 to add the devices such as: (As such as:
SST 27SF512, 37VF512, 37VF010, 37VF020, & 37VF040512,
37VF010, 37VF020, & 37VF040
- V3.87 07/15/99 to modify the XX29F040 type's Protect function
- V3.88 07/22/99 to add the MXIC MX29F4000 device
- V3.89 08/19/99 1) to add the WINBOND W29C512A,
ATMEL AT49HF010, & SST 39LH512 devices
2) modification --- to rename the following devices
WINBOND W29EE512/C512M => W29EE512 (W29C512M/A)
ATMEL AT49F010 => AT49F010/HF010
SST 39VF512 => 39VF512/LH512
- V3.90 09/02/99 1) to add the WHITE WMF128K8-XXX5 device
2) to modify the SST 29EE/LE/VE512/010/020
3) to add the AUTO-1 (P&V) function
4) to remove the AUTO and Device Protected functions
- V3.91 09/09/99 1) to add the devices such as:
AMD AM29F010B & SGS-THOMSON M29F040B
2) to rename AMD AM29F010/A to AM29F010/A/B
to rename SGS-THOMSON M29F040 to M29F040/B
- V3.92 10/21/99 1) to add the ATMEL AT49F512
2) to modify the erase time for TI TMS29F010
- V3.93 10/28/99 1) to add the WHITE MICRO WMF512K8
2) Rename WHITE WMF128K8-XXX5 to WHITE MICRO WMF128K8

V3.94 11/18/99 to add the AMD AM29F004BB
V3.95 12/02/99 to add the MEGAWIN MM29FA040 device
V3.96 12/16/99 to modify the Save function
V3.97 01/06/00 1) to add SGS-THOMSON M28256
2) to rename MEGAWIN MM29FA040 to
MM29F040
V3.98 01/27/00 1) to add the HYUNDAI HY29F040A
2) to modify the Unprotect for
HYUNDAI HY29F040
V3.99 06/01/00 to modify the Unprotect for SST 28SF040

EEP2.EXE

V3.21 04/15/99 to add the devices such as:
LINVEX LX59CF2128,
ATMEL AT49LV001(N)T, & AT49BV001(N)T
V3.22 04/22/99 to add the devices such as:
ATMEL AT49BV002NT & AT49LV002NT
INTEL E82802AA, E82802AB, E82802AC, N82802AA,
E82802AB, & N82802AC
V3.23 05/13/99 to add the MXIC MX29F002B device
V3.24 05/20/99 to add the devices such as:
WINBOND W29F002, W29F002B, W29F002U, & W29F002N
V3.25 06/17/99 to add the MXIC MX29F002NT & MX29F022NT
V3.26 06/24/99 to add the WINBOND W49V002
V3.27 07/08/99 to add the devices,
SGS-THOMSON M29W102BB & M29W102BT
V3.28 07/22/99 to add the devices such as:
MOSEL VITELIC V29C51000T, V29LC51000,
V29LC51001, & V29LC51002
V3.29 07/29/99 1) to modify the Program function for
PMC PM29F002T
2) to modify the Disable Protect function in Auto
for MXIC MX29F002NT/022NT
V3.30 08/19/99 1) to add the devices such as:
SGS-THOMSON M29F010B, MOSEL VITELIC V29C51004T,
V29C51004B, V29C31004T, & V29C31004B
2) to modify the program command set function for
PMC PM29F002T
V3.31 09/02/99 to add the PMC PM29LV002T device
V3.32 10/21/99 to add the devices such as:
SYNCMOS F29C51001T, F29C51001B, F29C51002T, F29C51002B,
F29C51004T, F29C51004B, F29C31004T, F29C31004B,
F29LC51000T, F29LC51000, F29LC51001, F29LC51002, &
WINBOND W49F002U
V3.33 10/28/99 to modify the screen
V3.34 11/04/99 to add the HYUNDAI HY29F002T & EON EN29F002NT
V3.35 12/02/99 to add the SGS-THOMSON M29F002BT device
V3.36 01/06/00 to add the M.tec TB29F013-T/B,
TB29F023-T/B, & TB29F043-T/B
V3.37 01/27/00 1) to add the ST M29F002BB
2) to modify the Unprotect for
ST M29F002T/B/NT/BT
V3.38 03/16/00 1) to modify the Unprotect for EON EN29F002NT
2) to add the Unlock for WINBOND W49F002U

V3.39 03/30/00 1) to add the SST 49LF004 device
2) to add the Unlock function for WINBOND W49V002

EM78XX.EXE

V3.04 04/29/99 to add the EMC EM78P247B & EM78P447B devices
V3.05 05/27/99 to modify V1.04 which lacks MICON MDT 2010,
MDT2015, & MDT2020
V3.06 12/02/99 to modify the programming process for
EMC EM78P247/447 (A/B)
V3.07 01/27/00 to add the EMC EM78P156E
V3.08 03/02/00 Modification for EMC EM78P156E device:
to solve the problem that loading EMC code file bug
fails.

EPP512.EXE

V3.66 05/13/99 to modify the algorithms of
AMD 27C256 & FUJITSU MBM27C256A
V3.67 10/14/99 to add the FAIRCHILD NM27C128 device
V3.68 10/21/99 to add the ATMEL AT27LV256A & AT27BV256

EPP1024B.EXE

V3.69 04/08/99 to add the SGS-THOMSON M27W401 device
V3.70 04/22/99 to modify Read loop for SGS-THOMSON M27C405
V3.71 05/06/99 to add the devices such as:
AMIC 277308, 278308, & 279308
V3.72 09/02/99 to modify SGS-THOMSON M27WXXX ---
verify voltage at 5V and 2.7V
read voltage at 2.7V

EPP1024W.EXE

V3.70 04/01/99 1) to lower programming voltage for ST M27W102
& Read voltage for HITACHI HN27C4000
2) modification for Counter on the screen
V3.71 05/27/99 to modify the process of Read for MXIC 27C4096
V3.72 09/16/99 1) to add the SGS-THOMSON M27C400 device
2) to modify the algorithm
V3.73 01/13/00 to add the ATMEL AT27LV1026

GANG08.EXE

V1.00 : 11/3/97, first released version.
The device access file for GANG-08.
V1.01 : 11/14/97, add new functions: device list, cross reference, binary
to hex.
V1.02 : 12/18/97, modify the SPLIT2 and SPLIT4.
V1.04 6/23/'98 the seasonal update.
V1.05 9/22/'98 the seasonal update.
V1.06 10/12/'98 to modify the problem of the driver S/W which can't find

COM port.
V1.07 12/18/'98 Seasonal Update
V1.08 03/26/99 Seasonal Update

GANG08.DEV
V1.00 11/3/97, first released version.
 the device file for GANG-08.

MPU1.EXE
V3.31 04/20/00 to add the HYUNDAI GMS81604T & GMS81608T
V3.32 06/29/00 to modify the program algo for
 LG & HYUNDAI

PALP5.EXE
V3.48 05/27/99 to modify the programming process and fuse map
 for ATMEL ATF750C/L
V3.49 09/21/00 1) to add the devices such as:
 ATMEL ATF750LVC (V750), ATF750LVCL (V750),
 ATF750LVC (V750B), ATF750LVCL (V750B),
 ATF750LVC, ATF750LVCL, ATF750LVCEXT,
 ATF20V8C/CQ, ATF20V8CZ, & ATF20V8CEXT
 2) to modify PD and Sleep mode bit to 0 for
 ATMEL ATF16V8C/Z & ATF16LV8C
 3) to modify the LD high in pin set for
 ATMEL ATF22V10 serial device
 4) to modify the security function for ATF750C serial
device

PEEL2.EXE
V3.22 10/21/99 to modify the programming process for
 ICT PEEL18CV8Z & PEEL18LV8Z

PGM51.EXE
V3.57 04/22/99 to add the devices such as:
 MOSEL VITELIC MSU2964
 TEMIC TS87C51RA2, TS87C51RB2, TS87C51RD2,
 TSC8754, & TSC8752X2
 WINBOND W77LE58
V3.58 05/27/99 to add the devices such as:
 PHILIPS 89C638
 WINBOND W78E54B & W78LE54
V3.59 06/17/99 1) to rename TSC8752X2 as TS87C52X2
 2) to add the soft lock function for SST89F54/58
 3) to cancel SST89C54, SST89C58, & SST89C59
 4) to add the devices such as:
 MXIC MX10FMAXDQC
 WINBOND W78LE51 & W78LE52
V3.60 07/29/99 to add the WINBOND W78E374E & W78E378
V3.61 09/02/99 to add the devices such as:
 ISSI IS89C51A & IS89C52A
 WINBOND W78E378E (CNV-DIP-W78E378E)
 TEMIC TS87C51U2, TS87C54X2, & TS87C58X2
V3.62 09/09/99 1) to add the devices such as:
 TEMIC TSC87251G2D & TSC87251G2D_L
 2) Modification for P89C51U(XX), 52U(XX), & 5CU(XX):

Verify SBYTE & BVEC in Erase
to add the devices such as:
PHILIPS 89C660, 89C51RB2, 89C51RD2, 89C51RC2 & LG
GMS87C1408

V3.63 10/14/99

V3.64 12/01/99 1. to add the devices such as:
MOSEL VITELIC MSU2958 & MXIC MX10FLCDPCB
2. Modifications for LG GMS87C1102, GMS87C1202,
GMS87C1408, GMS87C1102, GMS87C1202, & GMS87C1408
a) to modify the programming retrying frequency
from 25 to 50
b) to modify VDD voltage from 2.9V to 5V for GMS87C1408

V3.65 12/27/99 to modify the new algorithm for
ISSI IS89C52A & IS89C51A

V3.66 01/06/00 1) to add the LG GMS99C58 device
2) to modify the algorithms for
ISSI IS89C51A & IS89C52A

V3.67 01/27/00 to add the devices such as:
LG GMS87C1101, GMS87C1201, & GMS87C1404

V3.68 04/27/00 to add the new devices such as:
ISSI IS89C/E 54/58/64 & SST SST89C54/58

V3.69 06/01/00 to modify the WINBOND W77E468
(CNV-QFP-W77E468)

V3.70 08/24/00 modifications ---
a. Erase for ATMEL AT89C1051 & AT89C2051
b. SST SST89C58 VCC enabled

SEEP2.EXE

V3.59 05/11/00 1) to add the FAIRCHILD NM25C160
2) to rename the followings devices
XILINX XC17S05L -> XC17S05XL
XC17S10L -> XC17S10XL
XC17S20L -> XC17S20XL
XC17S30L -> XC17S30XL
XC17S40L -> XC17S40XL

V3.58 04/13/00 to modify the algo.

V3.57 02/17/00 to add the devices such as:
ATC ATC24C02
ROHM BR93LC66 (X16)
ST M95128

V3.56 12/02/99 1) to add the ROHM BR9080/F devices.
2) to modify the Protect function of XICOR 24645

V3.55 10/28/99 to modify the algorithm for ATC 93C/LC56

V3.54 10/21/99 to add the PHILIPS PCF8598C-2 device

V3.53 10/14/99 1) to add the ATMEL AT17C020 & AT17LV020
2) to modify the Reset Bit polarity for
AT17C/LV010/A & AT17C/LV512/A

V3.52 09/16/99 1) to add the devices such as:
ST M93C86 (1024*16) & M93C86 (2048*8)
2) to modify the algorithm

V3.51 09/09/99 to modify algorithm

V3.50 08/26/99 to classify the ATMEL AT24C01 & AT24C01A as two
types because their programming processes are different

V3.49 08/12/99 to increase programming voltage for
XILINX XC1701L

V3.48 08/05/99 1) to add the devices such as:
FAIRCHILD NM93C46, NM93C346,
SGS-THOMSON ST24LW21, M93S56, & CATALYST CAT24WC16
2) modification for XILINX XC1701L --
to lower the read voltage

V3.47 07/29/99 to add the devices such as:
CATALYST CAT24WC02 & SGS-THOMSON M95320

V3.46 07/08/99 to add the devices such as:
AKM AK6002A, AK6004A, & AK6008A

V3.45 07/01/99 1. to add the SGS-THOMSON ST95040 device
2. to modify the Program function for
XILINX XC17512L, XC1701/L, XC17S40/L, & XC1702L/04L

V3.34 03/11/99 to add the new ICs such as: (ALL
SAMSUNG KS24C011, KS24C020, KS24C021, KS24C040,
KS24C041, KS24C080, KS24L161, KS24L321, & KS24L641.

V3.35 04/08/99 to add the XILINX XC1702L device

V3.36 04/15/99 to add the XILINX XC1704L device

V3.37 04/22/99 to add the devices such as:
CATALYST CAT93C86 (X8), CAT93C86 (X16),
CAT24WC32, CAT24WC64, CAT24WC128, & CAT24WC256
ATMEL AT17LV512A
SGS THOMSON ST95020

V3.38 04/29/99 to add the devices
PHILIPS PCF85116 & XICOR X25057

V3.39 05/06/99 1) to add the new devices
ATMEL 17C65A, 17C128A, 17C512A, 17C010A,
17LV256A, & 17LV010A
MICROCHIP 24AA/LC64
SGS-THOMSON ST95P04, ST95010, ST95022, & M24128-W
2) to modify the programming process for
PHILIPS PCF85116

V3.40 05/13/99 to add the MICROCHIP 24C64 device

V3.41 05/27/99 to add the SEIKO S-93C46A, S-93C56A,
& S-93C66A devices

V3.42 06/03/99 to add the devices such as:
XICOR X25650, SGS-THOMSON M93566,
ATMEL 17LV128A & 17C256A

V3.43 06/10/99 to add disk buffer for
XILINX XC1702L & XC1704L

V3.44 06/17/99 to modify the 93xxx series:
10ms delay after work is off in Program

SETUP.EXE

V1.03 : 11/3/97, first released version.
the setup file for gang-08.

V1.04

15/01/98'

Modify the install problem on SETUP S/W.

software diskette 2

PROGRAMMER SOFTWARE:

7C33X.EXE

- V3.05 : 4/1/93, first released version.
- V3.06 : 6/29/93, modify screen display.
- V3.07 : 3/11/94, version update.
- V3.08 : 9/16/94, modify F1, Home, End keys to operate with load function.
- V3.09 : 12/23/94, modify screen display.
- V3.10 : 3/15/95, version update.
- V3.11 : 12/20/95, add CYPRESS CY7C335

7C361.EXE

- V3.03 : 4/1/93, first released version.
- V3.04 : 6/29/93, modify screen display.
- V3.05 : 3/11/94, version update.
- V3.06 : 9/16/94, modify F1, Home, End keys to operate with load function.
- V3.07 : 12/23/94, modify screen display.
- V3.08 : 3/15/95, version update.

COP800.EXE

- V3.00 : 5/13/94, first released version.
- V3.02 : 9/16/94, modify F1, Home, End keys to operate with load function.
- V3.03 : 12/23/94, modify screen display.
- V3.06 : 3/15/95, version update.
modify load function.
- V3.09 : 12/8/95, add NS COP8784 CF/CL/EG, COP8788 CF/CL/EG.
- V3.10 : 2/12/96, modify programming algo.onCOP8780, COP8781, COP8782.
- V3.11 : 10/4/96, Revise name : NS to NATIONAL
modify programming algo.
add NATIONAL COP8722C
- V3.12 : 10/14/97, Modify the programming algo.
- V3.13 : 02/10/98, modify the programming alog.
- V3.14 4/8/'98 When modifying the selected type which is NATIONAL COP8780C,
COP880 CMH/CFMH, COP888CLMH, COP888CGMH and COP8788EG/CF/CL,
the screen will show to use ADP-COP800/CNN-PLCC-COP800 to

program

EPC.EXE

- V3.00 : 7/27/94, 1st released version.
supports ALTERA EPC1064, EPC1213.
- V3.01 : 8/11/94, add ALTERA EPC1064V.
- V3.02 : 9/16/94, version update.
modify load file function.
- V3.03 : 12/29/94, modify screen display and programming algo.
- V3.04 : 3/15/95, modify programming algo.
- V3.05 : 12/11/95, modify programming algo.
- V3.06 : 9/23/96, add EPC1PL8 (DIP8), EPC1LC20 (PLCC20)
EPC1 (EPC1064), EPC1 (EPC1213)
- V3.07 : 11/25/96, modify programming algo.
- V3.08 : 12/26/97, add ALTERA EPC1441.
modify the programming algo.
- V3.09 11/05/'98 to modify the programming algorithms of EPC1 &
EPC1441

V3.10 02/24/00 to add the ALTERA EPC2

HCS300.EXE

V3.00 : 4/3/97, first released version
add MICROCHIP HCS300.
V3.01: 97/9/25, Modify the programming algo.

MPU3.EXE

V3.00: 6/13/97, first released version.
Add ATMEL AT90S1200.
V3.01: 9/25/97, Add ATMEL: AT90S2313, AT90S4414, AT90S8515.
Modify the programming algo.
V3.02 4/22/'98 Modify lock-mode function and erase voltage of AT90S2313.
V3.03 7/14/'98 to add new ICs such as ATMEL AT90S2343, AT90S8535.
V3.04 8/6/'98 to add new IC, ATMEL AT90S2323.
V3.05 12/17/'98 to add new ICs such as:
ATMEL AT90LS2323, AT90LS2343, & AT90LS8535
V3.06 01/14/99 to add the new IC, ATMEL AT90S1200A.
V3.07 01/28/99 to add the new IC, ATMEL ATtiny11.
V3.08 05/27/99 to add the ATMEL AT90S4433 device
V3.09 07/01/99 to add the ATMEL AT90LS4433 device
V3.10 09/02/99 to add the devices such as:
ATMEL ATtiny 11L/22/22L
V3.11 12/02/99 to add the devices such as:
ATMEL AT90S4434, ATtiny12, ATtiny15, & ATtiny28
V3.12 02/10/00 to modify the Read data function for
ATMEL ATtiny11

PALTEST.EXE

V3.36 : 4/1/93, first released version.
modify testing method.
V3.37 : 8/13/93, modify testing method.
V3.38 : 9/12/93, add INTEL iPLD22V10.
V3.40 : 2/23/94, add ICT PA7024, PA7128.
modify programming algo. on CYPRESS
7C330/331/332/335.
V3.41 : 5/13/94, add ATMEL ATV750B, ATV22V10B,
AMD PALLV16V8Z, PALLV16V8, PALLV20V10.
modify loop test function.
V3.42 : 9/16/94, add ATMEL : ATF16V8B/B2/BQ/BQL,
ATF20V8B/B2/BQ/BQL, ATF22V8B/B2/BQ/BQL,
ATV750B/B2/BQ/BQL,
modify F1, Home, End keys to operate with load function.
V3.43 : 12/23/94, modify screen display.
V3.44 : 3/15/95, modify load file function.
V3.45 : 9/21/95. add CYPRESS PALCE20V8, PAL22VP10CF/G,
PAL22V10CF/G, PALC22V10D;
LATTICE isPGAL22V10, isPGDS22, isPGDS14.
V3.46 03/25/99 to add the new ICs such as:
ATMEL ATF22V10C, ATF22V10CZ, ATF22V10CEXT, ATF16V8C,
ATF16V8CZ, ATF16V8CEXT, ATF16V8C, ATF16LV8CEXT,
ATF22LV10C, ATF22LV10CZ, ATF750C, & ATF750CL.

ICTEST.EXE

V3.24 : 4/1/93, first released version.
V3.25 : 6/29/93, modify programming algo.
V3.26 : 8/13/93, modify testing method.
V3.27 : 9/12/93, expand test range to 4M SRAM.
V3.28 :10/13/93, modify DRAM testing method.
V3.29 :10/19/93, modify accessing method.
V3.31 : 3/11/94, modify read function & version update.
V3.33 : 9/16/94, add DRAM 44100, 414000
 modify F1, Home, End keys to operate with load
 function.
V3.34 : 10/17/94, modify memory buffer.
V3.35 : 11/11/94, modify TTL file.
V3.36 : 12/23/94, modify screen display.
V3.37 : 3/15/95, modify load file function.
V3.43 : 5/9/96, add CYPRESS CY199

DS5000.EXE

V3.04 : 4/1/93, first released version.
V3.06 : 6/29/93, modify programming algo and screen display.
V3.07 : 9/14/93, version update and modify HEX code.
V3.08 : 3/11/94, version update.
V3.09 : 9/16/94, modify F1 key to operate with select function.
V3.10 : 12/23/94, modify screen display.
V3.11 : 3/15/95, modify programming algo.
V3.12 : 7/3/96, enhance programming algo.
V3.13 4/2/'98 to modify MCON function.

PA7024.EXE:

V3.00 : 7/23/93, first released version.
V3.01 : 8/17/93, modify address location.
V3.02 : 9/16/93, modify programming algo.
V3.03 : 1/20/94, modify programming algo.
V3.05 : 3/8/94, version update.
V3.08 : 9/16/94, version update.
V3.09 : 12/23/94, modify screen display.
V3.10 : 3/15/95, version update.
V3.11 : 5/26/95, version update.

PA7128.EXE : V3.00 : 10/22/93, 1st released version.

V3.02 : 1/20/94, modify programming algo.
V3.03 : 3/8/94, version update.
V3.04 : 5/13/94, modify programming algo.
V3.06 : 9/16/94, version update.
V3.07 : 12/23/94, modify screen display.
V3.08 : 2/20/95, modify programming algo.
V3.09 : 3/15/95, version update.
V3.10 : 5/26/95, version update.

MAX.EXE

V3.04 : 4/1/93, first released version.
V3.05 : 6/29/93, modify programming algo.
V3.06 : 9/14/93, version update.
V3.07 : 12/2/93, modify programming algo.
V3.08 : 3/11/94, version update & modify programming algo.
V3.09 : 9/16/94, version update.
 modify load file function.
V3.10 : 12/29/94, modify screen display and programming algo.
V3.11 : 3/15/95, version update.
V3.12 : 8/31/95, modify programming algo.

V3.13 : 03/20/98, modify the programming algo. and ID code of ALTERA EPM5032.

PIC16.EXE

- V3.16 : 4/1/93, first released version.
- V3.17 : 5/10/93, modify screen display and programming algo.
- V3.18 : 6/29/93, modify programming algo.
- V3.19 : 8/13/93, modify programming algo.
- V3.20 : 9/12/93, add PIC16C84 and modify programming algo.
- V3.21 : 10/13/93, modify programming algo.
- V3.24 : 11/19/93, add ERASE function.
add PIC16C64, PIC16C84.
modify programming algo on PIC16C5X.
- V3.25 : 1/7/94, add MTA81010, PIC16C64.
modify programming algo and screen display.
- V3.26 : 2/23/94, modify programming algo.
- V3.27 : 3/11/94, modify auto function.
- V3.29 : 6/28/94, add PIC16C58A,
modify parallel HEX format, load, save function.
- V3.30 : 9/16/94, modify F1, Home, End keys to operate with load
function.
- V3.31 : 10/17/94, modify type function.
- V3.32 : 11/2/94, add MICROCHIP PIC16C74.
- V3.33 : 12/23/94, modify screen display.
- V3.35 : 3/15/95, modify load file function.
- V3.36 : 4/19/95, add MICROCHIP PIC16C65, PIC16C620, PIC16C621,
PIC16C622, PIC16C73.
- V3.37 : 5/9/95, modify protect function on PIC16C64/74.
add MICROCHIP PIC16C62.
- V3.38 : 6/9/95, modify programming algo.
- V3.39 : 7/5/95, modify programming algo on PIC16C84.
add MICROCHIP PIC16C63.
- V3.40 : 7/7/95, modify programming algo on PIC16C5X.
- V3.41 : 9/20/95, modify programming algo.
- V3.42 : 12/8/95, add PIC16C72.
modify programming algo on PIC16C84.
- V3.44 : 2/29/96, modify programming algo. on PIC16C84.
add MICROCHIP PIC16C52
- V3.45 : 7/24/96, modify programming algo. on PIC16C7XA, PIC16C72,
add PIC16C54A/CR54, PIC16C57A/CR57/CR57A,
PIC16CR58/C74A/C73A, PIC16C62A/65A/LC65
- V3.46 : 9/25/96, add PIC14000, PIC16C64A, PIC16C558, PIC16C710,
PIC16C711, PIC16F83, PIC16F84
modify blank function for PIC16C52.
modify auto function.
modify programming algo. on PIC16C72, PIC165X,
PIC16C6X/7X/8X.
- V3.47 : 12/13/96, modify the programming algo. on PIC16C5X.
modify ID code on PIC16C6X/7X/8X.
add PIC16C554, 16C556.
- V3.48 : 1/28/97, modify the programming algo. and verify function.
- V3.49 : 3/19/97, modify the programming algo.
- V3.50 : 5/26/97, add PIC16C641, PIC16C642, PIC16C661
PIC16C662, PIC16C715.
- V3.51 : 9/7/97, Modify the programming algo.
Add PIC16C66, PIC16C67, PIC16C76 and PIC16C77.
- V3.52 : 11/26/97, modify the data memory format on PIC16C84, PIC16F84.
Modify the programming algo. on PIC14000.
- V3.53 : 4/21/98 Add MICROCHIP: PIC16C54B, PIC16C58B.
Modify to download hex file. (ALL-0
- V3.54 : 9/14/98 to add new IC, MICROCHIP PIC16C505.
- V3.55 : 11/06/98 to modify the checksum calculation part for

PIC16C54B

V3.56 03/04/99 to add the new ICs,
MICROCHIP PIC16C57C & PIC16C73B

V3.57 04/22/99 1) to modify the type_menu function to select
more types
2) to add the devices such as:
MICROCHIP PIC16C54C, PIC16C55A, PIC16C56A,
PIC16C63A, PIC16C65B, PIC16C72A, PIC16C74B,
PIC16C620A, PIC16C621A, PIC16C622A, & PIC16C62B

V3.58 05/06/99 to add the devices such as:
MICROCHIP PIC16CE623, PIC16CE624, & PIC16CE625

V3.59 07/15/99 to add the Intel Hex

V3.60 09/09/99 Modifications ---
1. the PIC16C5X device's VCC (4.5V -> 5V)
2. to set the config word and id_code in the
correct buffer for PIC16C505

V3.61 11/04/99 to add the MICROCHIP PIC16C773

PIC16FX.EXE

V3.00 09/09/99 to add the devices such as:
MICROCHIP PIC16F876 & PIC16F873

V3.01 01/13/00 to add the DEBUG mode for
MICROCHIP PIC16F876 & PIC16F873

V3.02 01/20/00 to add the Unprotect and Erase with AUTO

PIC17.EXE

V3.00 : 4/1/93, first version.

V3.01 : 5/10/93, modify screen display and programming algo.

V3.04 : 9/12/93, modify buffer range.

V3.05 : 10/13/93, modify programming algo.

V3.08 : 3/11/94, modify programming algo.

V3.09 : 9/16/94, modify F1, Home, End keys to operate with load
function.

V3.10 : 10/17/94, modify read function.

V3.11 : 12/23/94, modify screen display.

V3.12 : 3/15/95, modify load file function.

V3.13 : 4/19/95, add MICROCHIP PIC17C44.

V3.14 : 7/27/95, add MICROCHIP PIC17C43, PIC17C44.

V3.15 : 9/25/96, add PIC17C42A
modify auto function and programming algo.

V3.16 : 1/17/97, modify the programming algo.

V3.17 9/14/'98 1) to modify the checksum calculation.
2) to add verify in the program configuration function.

V3.18 12/16/99 to modify the program pulse --- 100us=>500us

PLS105.EXE

V3.03 : 4/1/93, first released version.

V3.05 : 9/15/93, modify save function.

V3.08 : 12/27/94, modify screen display and programming algo.

V3.09 : 3/16/95, modify programming algo.

V3.10 : 7/10/95, modify programming algo. on PLUS405.

V3.22 97/8/11, Add Z86E44, Z86E34
V3.23 9/15/'98 1) to add new IC, ZILOG Z86E83.
2) the modifications as follows:
a. Have Z86E34's unused pin pull low.
b. Adjust the low voltage for Z86E08's Verify.
V3.24 10/07/99 to add the ZILOG Z86733 device
V3.25 10/21/99 to add the devices such as:
ZILOG Z86E33, Z86E43, & Z86743
V3.26 01/13/00 to add the ZILOG Z86D86

17P10X.EXE

V3.00 : 9/16/94. 1st released version.
supports NEC UPD17P103CX, UPD17P107CX.
V3.01 : 12/1/94, modify screen display.
add NEC uPD17P137ACT/GT.
V3.02 : 3/15/95, version update.
V3.04 : 9/26/95, add PHILIPS PCD2755AP/AT.
V3.05 : 12/13/96, add PHILIPS PCD376A, PCD374A.
modify the programming algo.

P4308.EXE

V3.00 : 12/29/93, 1st released version.
V3.01 : 3/11/94, version update.
V3.02 : 9/16/94, modify F1 key to operate with select function.
V3.03 : 12/23/94, modify screen display.
V3.04 : 3/15/95, modify programming algo.

P8798.EXE

V3.00 : 12/29/93, 1st released version.
V3.01 : 9/16/94, modify F1, Home, End keys to operate with load
function.
V3.02 : 12/23/94, modify screen display.
V3.03 : 3/15/95, version update.

PN3001.EXE

V1.00 : 1/18/94, first released version.
V3.01 : 3/11/94, add OKI MSM27C802.
V3.03 : 9/24/94, version update.
V3.04 : 12/15/94, modify operation process.
V3.05 : 3/15/95, version update.
V3.06 : 7/26/95, modify read function.
V3.07 : 8/31/96, modify the programming algo.
V3.08 : 12/17/96, add MXIC MX23C3210,
SGS-THOMSON M27C800
modify the programming algo.
V3.09 : 4/2/97, modify the programming algo.
V3.10 11/26/'98 1) to add new ICs, SGS-THOMSON M27C322 & M27W322
2) to modify the way of telling retry
3) to add the beginning setting and wrong setting for

errmsg

LS52X.EXE

V3.00 : 4/17/95, first released version.
supports TI SN74/54AL5526, SN74/54AL5527,
SN74/54AL5528.
V3.01 : 9/15/95, modify programming algo.
V3.02 : 11/1/95, modify save function.

V3.03 : 11/14/95, modify save function.

BPPGM1.EXE

V3.00 : 9/29/95, first released version.
supports CYPRESS CY7C258.

1210.EXE

V3.24 : 6/28/93, first released version.
supporting ALTERA EP1200, EP1210.
V3.25 : 9/15/93, modify save function.
V3.26 : 3/11/93, version update.
V3.27 : 9/16/94, modify load file function with F1, Home, End keys.
V3.28 : 12/27/94, modify screen display and programming algo.
V3.29 : 3/16/95, modify programming algo.

18U42.EXE

V3.00 : 6/25/93, first released version.
supporting RCA CDP 18U42CD.
V3.01 : 6/29/93, modify programming algo.
V3.02 : 9/14/93, version update.
V3.03 : 3/11/94, version update.
V3.04 : 9/16/94, modify F1 key to operate with select function.
V3.05 : 12/23/94, modify screen display.
V3.06 : 3/15/95, modify programming algo.

26V12.EXE

V3.00 : 6/1/93, first released version.
V3.27 : 7/20/93, modify programming algo.
V3.28 : 9/14/93, modify JEDEC format.
V3.29 : 12/30/93, add AMD PALCE24V10Q.
V3.30 : 3/10/94, modify programming algo. & version update.
V3.31 : 4/1/94, modify specification on LATTICE GAL26CV12.
V3.32 : 5/4/94, modify programming algo. on AMD
PALCE26V12H and PALCE26V12H/4.
V3.33 : 9/16/94, version update.
V3.34 : 12/29/94, modify screen display and programming algo.
V3.35 : 3/15/95, modify programming algo.
V3.36 : 3/18/96, modify programming algo. on AMD PALCE 26V12H/4.
V3.37 : 7/29/96, modify programming algo. on LATTICE GAL26CV12/B/C.
V3.38 9/14/'98 to add new ICs such as:
LATTICE GAL26CLV12C, GAL26CLV12D, GAL26CLV12Z, &

GAL26CLV12ZD.

63705.EXE

V3.00 : 6/29/93, first released version.
V3.01 : 9/12/93, version update.
V3.02 : 3/11/94, version update.
V3.03 : 9/16/94, modify F1, Home, End keys to operate with load
function.
V3.04 : 12/23/94, modify screen display.
V3.05 : 3/15/95, modify load file function.

77P56.EXE

V3.00 : 6/29/93, first released version.
V3.01 : 9/14/93, version update.
V3.02 : 3/11/94, version update.
V3.03 : 9/16/94, modify F1, Home, End keys to operate with load

function.

- V3.05 : 12/23/94, modify screen display and programming algo.
- V3.06 : 3/15/95, modify programming algo.

Z86E40.EXE:

- V3.00 : 9/14/93, first released version.
- V3.01 : 3/11/94, version update.
- V3.02 : 9/16/94, modify F1 key to operate with select function.
modify RAM oritect add RC oscillator select
function, modify programming algo.
- V3.03 : 12/23/94, modify screen display.
- V3.04 : 3/15/95, modify programming algo.
- V3.05 : 9/10/96, add ZILOG Z86E40 1873(new die), Z86E72, Z86E73.

TMS320.EXE

- V3.00 : 6/25/93, first released version.
supporting TI TMS320E15, TMS320E17.
- V3.01 : 6/29/93, modify programming algo.
- V3.02 : 9/14/93, version update.
- V3.03 : 3/11/94, version update.
- V3.04 : 9/16/94, modify F1 key to operate with select function.
- V3.05 : 12/23/94, modify screen display.
- V3.06 : 3/15/95, modify programming algo.
- V3.07 : 1/4/96, add TI TMS320P15, TMS320P17

V2500.EXE

- V3.00 : 6/22/93, first released version.
supporting ATMEL ATV2500H/L/LV/LVL.
- V3.01 : 6/29/93, modify programming algo.
- V3.02 : 9/14/93, version update.
- V3.03 : 3/11/94, version update.
- V3.04 : 5/11/94, add ATMEL ATV2500B.
- V3.05 : 9/16/94, modify F1, Home, End keys to operate with load
function.
- V3.06 : 12/23/94, modify screen display.
- V3.07 : 3/15/95, version update.
- V3.08 : 2/6/96, modify programming algo. on ATMEL ATV2500B

X2212.EXE

- V3.00 : 6/22/93, first released version.
supporting chips of manufacturers:
XICOR, FUJITSU, CATALYST and SEIKO.
- V3.01 : 6/29/93, modify programming algo.
- V3.02 : 9/14/93, version update.
- V3.03 : 3/11/94, version update.
- V3.04 : 9/16/94, modify F1, Home, End keys to operate with load
function.
- V3.05 : 12/23/94, modify screen display.
- V3.06 : 3/15/95, modify load file function.

COP87LX.EXE

- V3.01 : 10/1/96, first released version.
add NATIONAL COP87L series devices :
COP87L22, COP87L42, COP87L642, COP87L82
COP87L20, COP87L40, COP87L640, COP87L81
COP87L84, COP87L84-BC
- V3.02 : 4/3/97, add NS COP8ACC728, COP8ACC720.

COP8SA.EXE

- V3.01 : 11/26/96, first released version
add COP8SAA720 (20 pins), COP8SAB720 (20 pins),

COP8SAC720(20 pins), COP8SAA728(28 pins),
COP8SAB728(28 pins), COP8SAC728(28 pins).

V3.02 97/8/4, Add ECON Register function.

V3.03 8/19/'98 to add new ICs such as:

NATIONAL COP8SGE720 20PIN, COP8SGE728 28PIN, COP8SGR720
20PIN, & COP8SGR728 28PIN.

V3.04 02/24/00 to modify COP8SGX ECON Bit 1 & warning message

Software Diskette #3

ACCESS.EXE :

V9.23 12/27/99 Seasonal Update
V9.22 10/01/99 Seasonal Update
V9.21 06/24/99 Seasonal Update
V9.20 03/26/99 Seasonal Update
V9.18 9/24/'98 the seasonal update.
V8.60 : 4/1//93, first released version.
V8.70 : 6/29/93, modify screen display.
V8.90 : 11/10/93, modify .EXE file.
V9.00 : 2/8/94, modify PACK selection.
V9.01 : 3/11/94, version update.
V9.02 : 6/24/94, includes new packs: PSD3XX-4PL, PIC16-4, 68HC05.
modify pack selection.
V9.03 : 9/16/94, modify F1, Home, End keys to operate with load function.
V9.04 : 12/23/94, modify selection function.
V9.05 : 3/15/95, modify programming algo.
V9.07 : 10/3/95, add PAC-PIC16-4S, PAC-705C9-4/4PL,
PAC-711E9-4PL, PAC-MPU51-4/4PL, PAC-751-4/4PL,
PAC-GAL-4, PAC-SPROM-4, and their related device list.
V9.08 : 1/4/96, version update
V9.09 : 7/3/96, seasonal update.
V9.10 : 10/9/96, seasonal update
PROG.DEV (PAC-DIP32/40/48)
APLCC.DEV (PAC-PLCC44)
AEP328A.DEV (PAC-EP32-4A/B, PAC-EP32-8A/B)
AEP1MPL.DEV (PAC-EP512-4PL, PAC-EP512-8PL)
ASPROM.DEV (PAC-SPROM-4)
V9.11 : 1/15/97, seasonal update
V9.12 : 4/21/97, seasonal update
V9.14 10/1/97, Add new PACK: PAC-705BD3-4, PAC-705BD3-4SD.
Modify the device list for PAC-DIP32/40/48, PAC-PLCC44,
and PAC-MEMCARD-4.

DIAG07.EXE :

V2.02 : 8/24/96, modify INITIO(), CHKID(),
mofidy the test voltage
V2.03 : 12/28/95, modify the load file (PRG file) and
save file (INTEL file format)
V2.04 : 5/24/96, modify the check clock in ASM.
test VOPx from SETVOP (50) to ETVOP(60)
V2.05 : 9/23/96, modify voltage value
(1) 8V +/- 0.2V
(2) 12V +/- 0.2V
(3) 21V +/- 0.3V
V2.06 : 4/7/97, modify the programming algo.

EM78XX.EXE

V3.00 : 12/10/97, add EMC: EM78P154, EM78P156.

Software diskette ADP #1

PROGRAMMER SOFTWARE:

AEP32A.EXE

- V3.21 : 4/1/93, first released version.
- V3.22 : 6/29/93, modify programming algo and screen display.
- V3.24 : 7/26/93, modify programming algo.
- V3.25 : 9/15/93, modify programming algo.
add SEEQ - 82005, 86063, 82025,
MICROCHIP - 27LV64,
SGS - M87C512,
INTEL - D68C257.
- V3.26 : 12/27/93, modify programming algo.
add OKI 27C256ZB, 27C256ZC, 27C256H,
27C256HZB.
- V3.27 : 3/11/94, version update.
- V3.28 : 9/16/94, modify current test functon.
- V3.29 : 12/23/94, modify screen display.
- V3.30 : 3/15/95, version update.

AEP32B.EXE

- V3.34 : 4/1/93, first released version.
- V3.35 : 6/29/93, modify programming algo. and screen display.
- V3.38 : 7/26/93, modify programming algo.
- V3.39 : 9/15/93, add MXIC 27C2000.
- V3.40 : 12/27/93, add TOSHIBA 57H1000, 57H1001,
54H1000, 54H1001.
OKI 27C101/H, 27C2000, 27C401.
modify programming algo. on ATMEL 27C040.
- V3.41 : 3/11/94, version update.
- V3.42 : 9/16/94, modify current test functon.
- V3.43 : 12/23/94, modify screen display.
- V3.44 : 3/15/95, version update.
- V3.46 : 3/20/96, add ATMEL AT27C080.
- V3.47 : 8/31/96, add ATMEL 27C080
modify the programming algo.

AEEP32.EXE

- V3.08 : 4/1/93, first released version.
- V3.09 : 6/29/93, modify programming algo.
- V3.11 : 8/13/93, modify programming algo.
- V3.12 : 9/12/93, modify programming algo. on HITACHI, DALLAS.
add DALLAS - DS1630Y/AB, DS1645Y/AB, DS1650Y/AB.
DS1243Y, DS1244Y, DS1248Y, DS1235Y.
HITACHI - 58C1001, 58V1001.
SEIKO - 52812A, 52817A, 52860A, 52864A.
WINBOND - W27E256.
- V3.13 : 3/11/94, add SGS-THOMSON M28F256A, M28F201;
WINBOND W29EE011, 27F010;
EXEL XL28C16B, 28C64, 28C64B, 28C256;
XICOR X28HC16, X28HC256, VC256, XM28C040,
X20C05, X20C16, X68C64, X86C64;
AMD 29F040.
modify type 27E256 as 27F256, and programming
algo.
- V3.14 : 9/16/94, add ISSI 28F010,
HITACHI 58C257, 58V257,
ATMEL 29C020,
TI TMS28F210,

AMD 28F256A, 28F512A;
modify F1, Home, End keys to operate with load
function.
modify auto function.
V3.15 : 12/23/94, modify screen display.
V3.17 : 3/15/95, modify load file function.
V3.20 : 7/5/95, modify auto function.
V3.22 : 12/8/95, modify erase function for INTEL 28F001BX-T.

AEP40.EXE

V3.76 : 4/1/93, first released version.
V3.77 : 6/28/93, modify screen display.
add ATMEL 27LV1024.
V3.78 : 9/15/93, support following additional items:
MITSUBISHI - 27C402
NS - 27P210V, 27C2048, 27C210, 27LV210,
TOSHIBA - 574096,
OKI - 27C1024AS.
V3.79 : 12/27/93, add TOSHIBA 54H1024A, 544096,
57H1024, 57H1024A, 57H1025AD.
V3.80 : 1/21/94, modify programming algo.
V3.81 : 9/16/94, version update.
V3.82 : 12/23/94, modify screen display.
V3.83 : 3/15/95, version update.
V3.85 : 8/31/96, modify programming algo.
V3.86 : 12/17/96, add MXIC MX27C516.
modify the programming algo.

AEP32SA.EXE

3.28 : 4/1/93, first released version.
3.29 : 6/29/93, modify programming algo. and screen display.
3.31 : 9/15/93, support following additional items:
INTEL - D68C257,
OKI - MSM27C64AS, MSM27C128AS,
SGS - M87C512,
TOSHIBA - TC57256D/AD, TC54256AD,
TC57512AD, TC54512AD,
SEEQ - 82005, 82025, 86063,
OMNI - 27C256.
V3.32 : 12/27/93, modify programming algo.
add OKI 27C256ZB, 27C256ZC, 27C256H,
27C256HZB;
CYPRESS CY7C277, CY7C279.
V3.33 : 3/11/94, version update.
V3.34 : 9/16/94, modify current test functon.
V3.35 : 12/23/94, modify screen display.
V3.36 : 3/15/95, version update.
V3.38 : 8/31/96, modify the programming algo.
V3.39: 03/07/97 modify the programming algo.

AEP32SB.EXE

V3.35 : 4/1/93, first released version.
V3.38 : 6/28/93, modify screen display.
add NS 27LV010, 27LV040.
V3.40 : 9/15/93, support following additional items:
ATMEL - AT27LC010, AT27LV020,
MITSUBISHI - M5M27C401K, M5M27C401AK,
SONY - CXK27C1000, CXK27C1001,
ICT - 27CX010,

OMNI - 27C101.
V3.41 : 12/27/93, add TOSHIBA 57H1000, 57H1001,
54H1000, 54H1001.
OKI 27C101/H, 27C2000, 27C401.
modify programming algo on ATMEL 27C040.
V3.42 : 3/11/94, version update.
V3.43 : 9/16/94, modify current test functon.
V3.44 : 12/23/94, modify screen display.
V3.45 : 3/15/95, version update.
V3.46 : 5/26/95, modify programming algo.
V3.47 : 3/20/96, add ATMEL 27C080.
V3.48 : 4/2/97, modify the programming algo.

AN3001.EXE

V3.31 : 4/1/93, first released version.
V3.32 : 6/28/93, modify screen display.
V3.34 : 11/4/93, modify programming algo.
V3.36 : 9/16/94, version update.
V3.37 : 12/23/94, modify screen display.
V3.38 : 3/15/95, version update.
V3.39 : 8/30/96, add MXIC 27C8100, 27C4111,
modify the programming algo.
V3.40 : 12/17/96, modify the programming algo.
V3.41 : 4/2/97, modify the programming algo.

A16V8.EXE

V3.29 : 4/1/93, first released version.
V3.30 : 7/20/93, add '/BW' function.
add LATTICE GAL16V8C,
SGS GAL16AS.
V3.31 : 9/14/93, modify JEDEC format.
add LATTICE GAL16V8Z.
V3.32 : 10/2/93, modify programming algo for NS GAL16V8B.
V3.33 : 12/30/93, modify programming algo.
V3.34 : 3/10/94, modify programming & version update.
V3.35 : 9/16/94, version update.
V3.36 : 12/29/94, modify screen display and programming algo.
V3.37 : 3/15/95, version update.

A20V8.EXE

V3.29 : 4/1/93, first released version.
V3.30 : 7/20/93, add '/BW' function.
add SGS GAL20AS.
V3.31 : 9/14/93, modify JEDEC format.
add LATTICE GAL20V8Z, GAL20V8C.
V3.32 : 12/30/93, modify programming algo.
V3.33 : 3/10/94, modify programming & version update.
V3.34 : 9/16/94, version update.
V3.35 : 12/29/94, modify screen display and programming algo.
V3.36 : 3/15/95, version update.

A22V10.EXE

V3.12 : 4/1/93, first released version.
V3.13 : 7/20/93, add '/BW' function.
V3.14 : 9/14/93, modify JEDEC format.
add LATTICE GAL22V10B-QP.
V3.15 : 10/2/93, add LATTICE GAL22V10C
V3.16 : 12/30/93, modify programming algo.
V3.17 : 3/10/94, modify programming & version update.
V3.18 : 4/1/94, modify specification on LATTICE GAL22V10.

V3.19 : 9/16/94, version update.
V3.20 : 12/29/94, modify screen display and programming algo.
V3.21 : 3/15/95, version update.
V3.22 : 5/16/95, modify programming algo. on AMD PALCE22V10.
V3.23 : 6/16/95, modify programming algo. on AMD PALCE22V10/4/5.

ACE16V8.EXE

V3.25 : 4/1/93, first released version.
V3.26 : 7/20/93, add '/BW' function.
V3.28 : 3/10/94, modify programming & version update.
V3.29 : 9/16/94, version update.
V3.30 : 12/29/94, modify screen display and programming algo.
V3.31 : 3/15/95, version update.

ACE20V8.EXE

V3.24 : 4/1/93, first released version.
V3.25 : 7/20/93, add '/BW' function.
V3.27 : 3/10/94, modify programming & version update.
V3.28 : 9/16/94, version update.
V3.29 : 12/29/94, modify screen display and programming algo.
V3.30 : 3/15/95, version update.

A51F.EXE

V4.15 : 4/1/93, first released version.
V4.16 : 6/29/93, modify screen display.
V4.17 : 7/23/93, add ATMEL AT89C51.
V4.18 : 10/28/93, add INTEL 87C52.
V4.19 : 3/11/94, add PHILIPS S87C51FA & version update.
V4.20 : 9/16/94, modify F1, Home, End keys to operate with load
function.
add ATMEL AT89C52,
PHILIPS 87C504, 87C51FC.
V4.21 : 12/23/94, modify screen display.
add INTEL 87L52, 87L54, 87L58,
87L51FA, 87L51FB, 87L51FC.
V4.22 : 3/15/95, add ATMEL 89LV51,
DALLAS 87C520.
modify programming algo. on PHILIPS items.
V4.23 : 3/26/96, modify programming algo. on INTEL 87L51FA,
87L51FB, 87L51FC, 87L52, 87L54, 87L58
add ATMEL AT89LV52.

A48F.EXE

V3.16 : 4/1/93, first released version.
V3.17 : 6/29/93, modify screen display.
V3.18 : 9/14/93, version update and modify HEX code.
V3.19 : 3/11/94, version update.
V3.20 : 9/16/94, modify F1 key to operate with select function.
V3.21 : 12/23/94, modify screen display and programming algo.
V3.22 : 3/15/95, version update.

A18CV8.EXE

V3.18 : 4/1/93, first released version.
V3.19 : 4/30/93, modify security function and voltage.
V3.20 : 7/22/93, add '/BW' function.
modify address location and programming algo.
V3.21 : 9/13/93, modify read and save functions.
V3.22 : 3/11/94, version update.
V3.23 : 9/15/94, modify F1 key to operate with load file function.

V3.24 : 12/23/94, modify screen display and programming algo.
V3.25 : 3/15/95, version update.
V3.26 : 5/9/95, modify I/O address identification.

A22CV10.EXE

V3.08 : 4/1/93, first released version.
V3.09 : 7/22/93, add '/BW' function.
 modify address location and programming algo.
 add NS GAL22CV10.
V3.10 : 9/13/93, modify save function.
V3.11 : 3/11/94, version update.
V3.12 : 9/15/94, modify F1 key to operate with load file function.
V3.13 : 12/23/94, modify screen display and programming algo.
V3.14 : 3/15/95, version update.
V3.15 : 5/9/95, modify I/O address identification.

Software diskette ADP #2

PROGRAMMER SOFTWARE:

A1210.EXE

V3.23 : 4/1/93, first released version.
V3.24 : 7/23/93, add '/BW' function.
V3.25 : 9/15/93, modify save function.
V3.26 : 3/11/93, version update.
V3.27 : 9/16/94, modify load file function with F1, Home, End keys.
V3.28 : 12/27/94, modify screen display and programming algo.
V3.29 : 3/16/95, modify programming algo.

AZ86E40.EXE

V3.02 : 4/1/93, first released version.
V3.03 : 6/29/93, modify programming algo and screen display.
V3.04 : 9/14/93, version update and modify HEX code.
V3.05 : 3/11/94, version update.
V3.06 : 9/16/94, modify F1 key to operate with select function.
modify RAM oritect add RC oscillator select
function, modify programming algo.
V3.07 : 12/23/94, modify screen display.
V3.08 : 3/15/95, modify programming algo.

A5AC324.EXE

V3.20 : 4/1/93, first released version.
V3.21 : 7/23/93, add '/BW' function and modify programming algo..
V3.22 : 9/15/93, modify save function.
V3.23 : 1/4/94, modify programming algo.
V3.24 : 9/16/94, modify load file function with F1, Home, End keys.
V3.25 : 12/27/94, modify screen display and programming algo.
V3.26 : 3/16/95, modify programming algo.

A26CV12.EXE

V3.25 : 4/1/93, first released version.
V3.26 : 4/21/93, change type names of
PALCE26V12 to PALCE26V12H
PALCE26V12/4 to PALCE26V12H/4
PALCE24V10 to PALCE24V10H.
modify programming algo. on 26V12H.
V3.27 : 7/20/93, add '/BW' function.
V3.28 : 9/14/93, modify JEDEC format.
add LATTICE GAL26CV12C.
V3.29 : 12/30/93, add AMD PALCE24V10Q.
V3.30 : 3/10/94, modify programming & version update.
V3.31 : 4/1/94, modify specification on LATTICE GAL26CV12.
V3.32 : 9/16/94, version update.
V3.33 : 12/29/94, modify screen display and programming algo.
V3.34 : 3/15/95, version update.
V3.35 : 3/18/96, modify programming algo. on AMD PALCE26V12H/4.

A63705.EXE

V3.11 : 4/1/93, first released version.
V3.12 : 6/29/93, modify programming algo.
V3.13 : 8/5/93, modify programming algo.
V3.14 : 9/12/93, version update.
V3.16 : 3/11/94, add 63701X0, 637A01X0, 637B01X0.
V3.17 : 9/16/94, modify F1, Home, End keys to operate with load
function.

V3.18 : 12/23/94, modify screen display.
V3.19 : 3/15/95, modify load file function.

A18U42.EXE

V3.02 : 4/1/93, first released version.
V3.03 : 6/29/93, modify programming algo.
V3.04 : 9/14/93, version update.
V3.05 : 3/11/94, version update.
V3.06 : 9/16/94, modify F1 key to operate with select function.
V3.07 : 12/23/94, modify screen display.
V3.08 : 3/15/95, modify programming algo.

AX2212.EXE

V3.09 : 4/1/93, first released version.
V3.10 : 6/29/93, modify programming algo.
V3.11 : 9/14/93, version update.
V3.12 : 3/11/94, version update.
V3.13 : 9/16/94, modify F1, Home, End keys to operate with load function.
V3.14 : 12/23/94, modify screen display.
V3.15 : 3/15/95, modify load file function.

ATV2500.EXE

V3.17 : 4/1/93, first released version.
V3.18 : 6/17/93, add ATV2500H/L/LV/LVL.
modify programming voltage.
V3.19 : 6/29/93, modify programming algo.
V3.20 : 9/14/93, version update.
V3.21 : 3/11/94, version update.
V3.22 : 4/13/94, add ATMEL ATV2500B.
V3.23 : 5/11/94, supports ADP-ATV2500-pl as well.
V3.24 : 9/16/94, modify F1, Home, End keys to operate with load function.
V3.25 : 12/23/94, modify screen display.
V3.26 : 3/15/95, version update.
V3.27 : 2/6/96, modify programming algo. on ATMEL ATV2500B

APLS105.EXE

V3.15 : 4/1/93, first released version.
V3.16 : 7/23/93, add '/BW' function.
V3.17 : 9/15/93, modify save function.
V3.18 : 3/11/93, version update.
V3.19 : 9/16/94, modify load file function with F1, Home, End keys.
V3.20 : 12/27/94, modify screen display and programming algo.
V3.21 : 3/16/95, modify programming algo.

APIC16.EXE

V3.14 : 4/1/93, first released version.
V3.15 : 5/10/93, modify screen display and programming.
V3.17 : 8/13/93, modify programming algo.
V3.18 : 9/12/93, add PIC16C84.
V3.19 : 10/13/93, modify programming algo.
V3.24 : 11/19/93, add ERASE function.
add PIC16C64, PIC16C84.
modify programming algo. on PIC16C5X.
V3.22 : 1/7/94, add MTA81010, PIC16C64.
modify programming algo. and screen display.
V3.23 : 3/11/94, modify auto function.
V3.26 : 9/16/94, modify F1, Home, End keys to operate with load

function.

- V3.27 : 10/17/94, modify type function.
- V3.28 : 12/23/94, modify screen display.

APIC17.EXE

- V3.00 : 4/1/93, first released version.
- V3.01 : 5/10/93, modify screen display and programming algo.
- V3.04 : 9/12/93, modify buffer range.
- V3.05 : 10/13/93, modify programming algo.
- V3.08 : 3/11/94, modify programming algo.
- V3.09 : 9/16/94, modify F1, Home, End keys to operate with load function.
- V3.10 : 10/17/94, modify read function.
- V3.11 : 12/23/94, modify screen display.

A7C33X.EXE

- V3.05 : 4/1/93, first released version.
- V3.06 : 6/29/93, modify screen display.
- V3.07 : 3/11/94, version update.
- V3.08 : 9/16/94, modify F1, Home, End keys to operate with load function.
- V3.09 : 12/23/94, modify screen display.
- V3.10 : 3/15/95, version update.

A7C361.EXE

- V3.03 : 4/1/93, first released version.
- V3.04 : 6/29/93, modify programming algo. and screen display.
- V3.05 : 3/11/94, version update.
- V3.06 : 9/16/94, modify F1, Home, End keys to operate with load function.
- V3.07 : 12/23/94, modify screen display.
- V3.08 : 3/15/95, version update.

Software diskette ADP #3

PROGRAMMER SOFTWARE:

A82HS.EXE

V3.00 : 5/7/93, first version.
V3.02 : 9/12/93, version update.
V3.04 : 3/11/94, version update.
V3.05 : 9/16/94, modify F1, Home, End keys to operate with load function.
V3.06 : 12/23/94, modify screen display.
V3.07 : 3/15/95, modify load file function.
V3.08 : 7/30/96, modify programming algo.

A28F.EXE

V3.69 01/27/00 to add the devices such as:
AMD AM29LV160DB-S & AM29LV160DT-S
=>(PSOP44) (ADP-49F800-PS)

V3.68 01/20/00 to add the devices such as:
INTEL GT28F320C3-BA, GT28F320C3-TA,
GT28F320B3-BA, & GT28F320B3-TA =>(ADP-28F320A-BG)
AMD AM29LV160BB-WC, AM29LV160BT-WC,
AM29DL163CB-WC, AM29DL163CT-WC,
AM29DL162CB-WC, & AM29DL162CT-WC =>(ADP-29F160-BG)
FUJITSU MBM29LV160B-PBT, MBM29LV160T-PBT,
MBM29DL161BD-PBT, MBM29DL161TD-PBT,
MBM29DL162BD-PBT, MBM29DL162TD-PBT
MBM29DL163BD-PBT, MBM29DL163TD-PBT,
MBM29DL164BD-PBT, & MBM29DL164TD-PBT
=>(ADP-29F160-BG)
FUJITSU MBM29LV800BA-PB & MBM29LV800TA-PB
=>(ADP-29F800-BG)
AMD AM29LV800B-WB, AM29LV800T-WB,
AM29LV800BB-WB, & AM29LV800BT-WB
=>(ADP-29F800-BG)
SHARP LH28F160BVE-B (ADP-28F160-TS)
ATMEL AT49BV1614, AT49BV1614T,
AT49F1614, AT49F1614T
=>(BGA) (ADP-49F1614-BG)

V3.67 12/16/99 to add the devices such as:
TOSHIBA TC58FVB160FT & TC58FVT160FT
=>(ADP-49F800-TS)

V3.66 12/02/99 to add the devices such as:
MXIC MX28F002NT (TSOP40) (ADP-28F008-TS-V2) &
SHARP LH28F320S3NS (SSOP56) (ADP-28F640-SS)

V3.65 11/04/99 1) To modify the adapter name
->from original ADP-28F008-TS & ADP-28F008-TS(V2) to
ADP-28F008-TS-V2 for the following devices:

a. INTEL
TE/E28F008SA/-L, TE/E28F002 (BX/BV/BL) -B,
TE/E28F002 (BX/BV/BL) -T,
E28F008SC/S5/S3,
TE/E28F004 (BX/BV/BL/BE/B5) -B/T, E28F002BC-T,
E28F004SC/S5/S3, E28F016SC/S5/S3, TE/E28F008B3-B/T,
TE/E28F016B3-B/T, TE28F016C3-B/T, TE28F008B3-BA/TA,
TE28F016C3-BA/TA, & TE28F004B3-B/T
b. SGS-THOMSON
M28F/V421N, M28F/V411N, M28F/V841N, M28F221N, & M28F211N
c. SHARP

LH28F004SUT, LH28F008SA, LH28F008SCT, LH28F016SCT-L,
LH28F008BVT-B, & LH28F004SCT

d. CATALYST

CAT28F002B/T

e. NEC

uPD28F002LGZ-XB-LJH & uPD28F002LGZ-XT-LJH

f. MXIC

MX28F002B/T

g. MICRON

MT28F002B1-B/T, MT28F008B1VG-B/T,

MT28F008B3VG-B/T, & MT28F004B1VG-B/T

2) To modify the adapter name

->from original ADP-28F016-TS & ADP-28F016-TS(V2) to
ADP-28F016-TS-V2 for the following devices:

a. INTEL E28F016SA/SV, DD28F032SA, TE/E28F320J5, &

TE/E28F160S3/S5

b. SHARP

LH28F800SV, LH28F016SA/SV, LH28F032SUTD, LH28F160SKT,
LH28F160S3T, & LH28F320S3TD-L

V3.64 10/21/99

1) to add the device:

FUJITSU MBM29F160DT/B-PFTN (ADP-49F800-TS)

2) to add types and do modifications for SST:

SST39VF160, SST39VF160Q, SST39VF800, & SST39VF800Q

=>(ADP-49F800-TS)

SST39VF080, SST39VF080Q, SST39VF016, & SST39VF016Q

=>(ADP-29F008-TS)

V3.63 09/02/99

1) to modify VCC of ST M29F800AT/B:

lower 0.12V to make it work consistently

2) to add the devices such as:

SHARP LH28F800BVE-B (ADP-28F800CV-TS)

ATMEL AT49BV8004, AT49BV8004T,

AT49BV8011, & AT49BV8011T =>(ADP-49F800-TS)

V3.62 08/19/99

1) to add the devices such as:

SST SST39VF080(Q) & SST39VF016(Q)

=>(ADP-29F008-TS)

2) to modify the feedalgo() function initial setting

and the Protect/Unprotect functions for

MXIC MX29F800B/T, MX29F400B/T, MX29F200B/T, &

MX29F100B/T

V3.61 08/05/99

to add the devices such as:

AMD AM29F160DB-E, AM29F160DT-E, & AM29F160DU-E

=>(ADP-49F800-TS)

MXIC MX29F800B & MX29F800T =>(ADP-29F800-TS/PS)

SST SST39VF800(Q) (ADP-49F800-TS)

HYUNDAI HY29F400B, HY29F400T, HY29F800B, & HY29F800T

=>(ADP-29F800-PS/TS)

V3.60 07/22/99

to add the devices such as:

INTEL E28F128J3A (TSOP56) (ADP-28F128-TS),

AMD AM29LV017B-F & AM29LV081B-F =>(ADP-29F008-TSR)

FUJITSU MBM29LV017-PTR & MBM29LV080A-PFTR

=>(ADP-29F008-TSR)

SGS-THOMSON M28W800B/T (ADP-28F800CV-TS)

SHARP LH28F004SCT [ADP-28F008-TS(V2)]

TI TMS28F400BZB/T (ADP-28F400P)

V3.59 07/15/99

to add the devices such as:

INTEL TE28F800F3-B/T & TE28F160F3-B/T

=>(ADP-28F800F3-TS)

TI TMS28F800AEB/T, TMS28F800ALB/T, TMS28F800ASB/T,

TMS28F800AVB/T, & TMS28F800AZB/T

=>(SOP) (ADP-28F400P)

TMS28F400ASB/T-CD, TMS28F400AEB/T-CD, TMS28F400AMB/T-CD,

TMS28F400AFB/T-CD, & TMS28F400AZB/T-CD

=>(TSOP) (ADP-28F800CV-TS)

TMS28F800AEB/T-CD, TMS28F800ALB/T-CD, TMS28F800ASB/T-CD,
TMS28F800AVB/T-CD, & TMS28F800AZB/T-CD
=>(TSOP) (ADP-28F800CV-TS)

V3.58 06/17/99 to add the devices such as:
INTEL GT28F160B3-BA, GT28F160B3-TA, GT28F016B3-BA,
GT28F016B3-TA, GT28F160C3-BA, GT28F160C3-TA,
GT28F016C3-BA, & GT28F016C3-TA =>(ADP-28F160A-BG)
SGS-THOMSON M28W160B/T (ADP-28F800CV-TS)
SST SST39VF160 (Q) (ADP-49F800-TS)

V3.57 06/04/99 to add the devices such as:
AMD AM29SL800CB/T & AM29SL160CB/T
=>(ADP-29SL800-TS)
ST M29W800AB/T (ADP-29F800-PS/TS)

V3.56 05/20/99 to add the devices such as:
AMD AM29LV081B & FUJITSU MBM29LV080A-PTN
=>(ADP-29F008-TS)
FUJITSU MBM29DL161BD/TD-PFTN, MBM29DL162BD/TD-PFTN,
MBM29DL163BD/TD-PFTN, & MBM29DL164BD/TD-PFTN
=>(ADP-49F800-TS)
INTEL TE28F800C3-BA/TA (ADP-28F800-CV-TS)
MXIC MX29F100B/T (ADP-29F800-PS/TS)

V3.55 05/13/99 1) to add the devices such as:
SHARP LRS1306B (ADP-LRS1306-TS)
MICRON MT28F004B1VG-B/T, TE28F004B3-B/T,
INTEL TE28F008B3-BA/TA, & TE28F016C3-BA/TA
=>(ADP-28F008-TS (V2))
INTEL TE28F800B3-BA/TA, TE28F160B3-BA/TA,
& TE28F160C3-BA/TA =>(ADP-28F800CV-TS)
AMD AM29BL162CB (ADP-29BL162-SS)
2) to modify the ATMEL AT49LV2048/T device
Vpp=5V, Vcc=4V

V3.54 05/06/99 1) to add the devices such as:
AMD AM29DL316CB/CT & FUJITSU MBM29LV017-PTN
=>(ADP-29F008-TS)
FUJITSU MBM29017A-PFTN (ADP-29F016-TS)
FUJITSU MBM29F400TC/BC & MBM29F200TC/BC
=>(ADP-29F800-PS/TS)
2) to modify ce_oe_high() => oe is high, ce is low
after data is programmed into devices, wait for 10us
then do polling for ATMEL AT49LV2048

V3.53 04/15/99 1) to add the devices such as:
ATMEL AT49BV8192A/AT (ADP-49F800-TS) &
FUJITSU MBM29F080A
(ADP-29F080-PS/TS; TSOP48 ADP-29F016-TS)
2) to modify the Erase function
wait toggle time is 1 second for AMD AM29DL162CB/CT
& AM29DL163CB/CT

V3.52 04/08/99 to add the devices such as:
AMD AM29DL162CB-E, AM29DL162CT-E, AM29DL322CB-E,
& AM29DL322CT-E =>(ADP-49F800-TS)
FUJITSU MBM29DL321BD-PFTN, MBM29DL321TD-PFTN,
MBM29DL322BD-PFTN, MBM29DL322TD-PFTN, MBM29DL323BD-PFTN,
MBM29DL323TD-PFTN, MBM29DL324BD-PFTN, & MBM29DL324TD-
PFTN
=>(ADP-49F800-TS)

V3.51 04/01/99 to add the devices such as:
AMD AM29F017B (TSOP40) (ADP-29F080-TS),
AM29F017B (TSOP48) (ADP-29F016-TS),
AM29DL163CB/CT & AM29DL323CB/CT
=>(TSOP48) (ADP-49F800-TS)
& MXIC MX29F200B/T (ADP-29F800-PS/TS)

V3.50 03/18/99 to add the new ICs such as:
INTEL TE28F160C3-B/T, TE28F320C3-B/T,

& TE28F320B3-B/T =>(ADP-28F800CV-TS)
 TE28F016C3-B/T [ADP-28F008-TS (V2)]
 DT28F800F3-B/T (ADP-28F800F3-SS)

V3.49 03/04/99 to add the new ICs such as:
 HYUNDAI HY29F080 (ADP-29F080-PS/TS)
 SGS-THOMSON M29F800AB & M29F800AT =>(ADP-29F800-PS/TS)
 AMD AM29LV160DT & AM29LV160DB
 =>(ADP-49F800-TS)

V3.48 02/25/99 1) to add the new ICs such as:
 ATMEL AT49F8192A/AT (ADP-49F800-TS) &
 AMD AM29F400B(B/T)-F (ADP-29F400F-TS)
 2) to modify:
 a. VCC=3.0V and ce_oe_hi () function
 (ce hold on low) for INTEL 28F160B3BA (new die)
 b. ce_oe_hi () function which made ce and oe
 do together for ALLIANCE AS29F200 (new die)

V3.47 02/04/99 to add the new ICs:
 INTEL DT28F160F3 B/T (ADP-28F800F3-SS)
 FUJITSU MBM29LV016 B/T (PFTN) (ADP-29F008-TS)

V3.46 01/21/99 1) to add the progop7 function which works in
 Bypass Unlock
 2) the program is for ATMEL AT49F/BV 1604(T)
 AT49F/BV 1614(T)
 SAMSUNG KM28U160-T/B

V3.46 01/21/99 to add the new ICs such as:
 ATMEL AT49F4096AT & AT49BV4096AT. =>(ADP-49F800-PS/TS)
 AT49F1604(T), AT49BV1604(T), AT49F1614(T),
 AT49BV1614(T),
 & SAMSUNG KM28U160-T/B. =>(ADP-49F800-TS)
 SHARP LH28F400BG(HE/E)-T/B (ADP-28F800CV-TS)
 SHARP LH28F008BVT-B & MICRON MT28F008B3VG-T/B
 =>[ADP-28F008-TS (V2)]
 AMD AM29F080/B-FC (ADP-29F080-TSR)

V3.45 01/07/99 to add the new ICs such as:
 MXIC 29F400T/B (ADP-29F800-PS/TS)
 AMD AM29F080B (ADP-29F080-PS/TS) &
 AM29LV008BB/BT (ADP-29F008-PS/TS)
 MICRON MT28F0081VG-B &
 MT28F008B1VG-T [ADP-28F008-TS (V2)]
 BMI BM29F400B & BM29F400T (ADP-29F800-PS/TS)
 ATMEL AT49F4096A & AT49BV4096A (ADP-49F800-PS/TS)

V3.44 9/16/'98 1) to add new ICs such as AMD AM29LV002BB & AM29LV002BT.=>
 (ADP-29F008-PS/TS)
 FUJITSU MBM29F016A (ADP-29F016-TS)
 SGS-THOMSON M29F100B & M29F100T.=> (ADP-29F800-TS/PS)
 M29W008B & M29W008T.=> (ADP-29F008-TS/PS)
 SHARP IH28F160BGE-T (ADP-28F800CV-TS)
 2) to modify the pointer setting of the feed algo. function
 in WA28FD.C.

V3.43 8/24/'98 to add new ICs such as INTEL G28F016S3, G28F016S5, &
 G28F016S6.=>(ADP-28F016-BG)
 8/20/'98 to add new ICs such as: (ALL07+A3)
 INTEL GT28F800B3-B, GT28F800B3-T, GT28F008B3-B, & GT28F008B3-
 T.=>(ADP-28F800-BG)
 SAMSUNG KM28U800(I) (G/T)-B, KM28U800(I) (G/T)-T, SGS-THOMSON
 M29W800B, & M29W800T,
 ALLIANCE AS29F200B, AS29F200T, AMD AM29DL400BB, AM29DL400BT,
 AM29F200BB, & AM29F200BT,
 AM29LV200BB, & AM29LV200BT.=>(ADP-29F800-PS/TS)
 SGS-THOMSON M29W004B & M29W004T.=>(ADP-29F008-PS/TS)
 SHARP LH28F016SCT-L.=>(ADP-28F008-TS (V2))
 SHARP LH28F800BGE-B, LH28F800BGE-T, LH28F800BGHE-B, &
 LH28F800BGHE-T.=>(ADP-28F800CV-TS)
 ATMEL AT49BV080, AT49BV080T, AT49F080, AT49F080T, AT49LV080,

AT49LV080T, & AMD AM29F032B-S/E.=>(ADP-29F080-PS/TS)
INTEL G28F008S3, G28F008FS5, & G28F008SC.=>(ADP-28F008-BG)
INTEL G28F640J5.=>(ADP-28F640-BG)
INTEL GT28F016B3-B & GT28F016B3-T.=>(ADP-28F016-BG)
INTEL GT28F160B3-B & GT28F160B3-T.=>(ADP-28F160-BG)
AMD AM29F016B-E/F.=>(ADP-29F016-TS/TSR)
AMD AM29F016B-S.=>(ADP-29F080-PS)
AMD AM29LV017B-E, AM29LV116BB-E, & AM29LV116BT-E.=>(ADP-
29F008-TS)

V3.42 18/06/'1998
MBM29F800TA,

Add new devices for FUJITSU: MBM29F800BA,

MBM29LV800BA, MBM29LV800TA.

Add new devices for INTEL: DA28F016SA, DA28F016SV

DT28F016SA, DT28F016SV,

E28F002BL-B, E28F002BL-T,

E28F004B5-B, E28F004B5-T,

E28F004BL-B, E28F004BL-T,

E28F008SA-L.

E28F016XD.

E28F200BL-B, E28F200BL-T,

E28F400BL-B, E28F400BL-T.

F28F008SA-L.

PA28F008SA-L.

PA28F200B5-B, PA28F200B5-T

PA28F200BL-B, PA28F200BL-T

PA28F400B5-B, PA28F400B5-T

PA28F400BL-B, PA28F400BL-T

PA28F800B5-B, PA28F800B5-T

TB28F200B5-B, TB28F200B5-T

TB28F200BL-B, TB28F200BL-T

TB28F400B5-B, TB28F400B5-T

TB28F400BL-B, TB28F400BL-T

TB28F800B5-B, TB28F800B5-T

TB28F008SA-L,

TB28F200B5-B, TB28F200B5-T

TE28F004BE-B, TE28F004BE-T

TE28F008SA-L,

TE28F200BL-B, TE28F200BL-T

TE28F400BL-B, TE28F400BL-T.

V3.02 : 04/01/93, first released version.

V3.04 : 8/13/93, modify programming algo.

: 9/12/93, version update.

V3.05 : 2/8/94, add INTEL E28F008SA.

V3.06 : 3/11/94, add INTEL PA28F008SA, E28F008SA,
E28F004BX-B, E28F004BX-T.

V3.08 : 9/16/94, add INTEL E28F400BX-T, E28F400BX-B,
E28F200BX-T, E28F200BX-B,

modify F1, Home, End keys to operate with load
function.

V3.10 : 10/17/94, add INTEL DD28F032SA.

V3.11 : 12/23/94, modify screen display.

V3.13 : 3/15/95, modify load file function.

V3.14 : 4/8/95, add INTEL PA28F400BV, PA28F200BV,
E28F200BV, E28F400BV.

modify erase function on AMD 29F400B.

V3.15 : 8/17/95, add INTEL: 28F200CV-B, 28F200CV-T,
28F400CV-B, 28F400CV-T;

AMD: 29F080, 29F016;

FUJITSU: MBM29F400T, MBM29F400B, MBM29F080PF,
MBM29F080PFTN, MBM29F016;

SGS-THOMSON: M28F/V420M, M28F/V410M, M28F/V410N,

M28F/V411N,

M28F/V841M, M28F/V841N.

modify display and programming algo.
 V3.20 : 8/25/95, modify block erase function.
 V3.21 : 12/15/95, add SHARP LH28F004SUT
 V3.24 : 5/9/96, add INTEL: 28F800BV, 28F800CV, 28F800CE-T, 28F800CE-B
 AMD: 29F010 PSOP
 SHARP: LH28F008SA, LH28F016SU, LH28F800SU,
 LH28F032UTD, LH28F016SA
 modify programming algo. on INTEL 28FXXX
 modify programming algo. on AMD 29F016
 V3.25 : 6/11/96, add AMD Am29LV400T/B, Am29LV004T/B
 Am29F800T/B, Am29LV800T/B
 FUJITSU MBM29LV400T/B, MBM29LV004T/B,
 MBM29F800T/B, MBM29LV800T/B
 V3.26 : 8/16/96, add FUJITSU 29LV008T, 29LV008B,
 INTEL 28F008BV-T, 28F008BV-B,
 E28F002BC-T, PA28F002BC-T,
 AMD 29LV008T, 29LV008B
 modify Auto function.
 V3.27 : 9/13/96, add INTEL PA28F008SC, E28F008SC.
 V3.28 : 9/25/96, modify protect and unprotect function on SHARP
 LH28F004SUT
 V3.29 : 10/15/96, add AMD: AM29LV002T, AM29LV002B, AM29LV200T,
 AM29LV200B.
 FUJITSU: MBM29LV002T, MBM29LV002B,
 MBM29LV200T, MBM29LV200B.
 V3.30 : 11/14/96, add INTEL: P28F002BC-T
 V3.31 : 1/3/97, add INTEL R28F008SA
 FUJITSU MBM29F200TA, MBM29F200BA.
 modify the programming algo.
 V3.32 : 3/12/97, modify the programming algo. on PA28F800BV-B
 V3.33 : 4/1/97, add NEC: uPD28F200GX-T/B, uPD28F400GX-T/B
 uPD28F002LGE-XB-LJH, uPD28F002LGE-XT-LJH
 MXIC: MX28F002T/B; CATALYST CAT28F002T/B
 MOSEL: 29F400TA, 29F080PFTN
 V3.34 : 6/2/97, Add SHARP: LH28F800SGHE, LH28F008SCT, LH28F800SGN.
 Add MICRON: MT28F002B1-B/T.
 Add TI :TMS28F400ASB, TMS28F400AEB, TMS28F400AMB,
 TMS28F400AFB, TMS28F400AZB, TMS28F400AST,
 TMS28F400AET, TMS28F400AMT, TMS28F400AFT,
 TMS28F400AZT.
 V3.35 : 7/18/97, Add ATMEL: AT49F2048, AT49LV2048, AT49F4096,
 AT49LV4096, AT49F8192, AT49LV8192.
 SHARP: LH28F400SUHE-LC/-LB (ADP-28F800CV-TS).
 Modify the programming algo.
 V3.36 : 9/9/97, Add INTEL : E28F008S5, E28F008S3, PA28F008S5,
 PA28F008S3, E28F200B5, E28F400B5, E28F800B5,
 E28F004SC, E28F004S5, E28F004S3, PA28F004SC,
 PA28F004S5, PA28F004S3.
 SGS-THOMSON : M29F400T, M29F400B
 Modify the programming algo. on AT49F8192, AT49LV8192
 V3.37 : 9/30/97, Add SGS-THOMSON: 28F211N, 28F221N.
 MICRON: MT28F800 B1 WG-B, MT28F800 B3 WG-B
 MT28F800 B5 WG-B, MT28F800 B1 WG-T
 MT28F800 B3 WG-T, MT28F800 B5 WG-T,
 MT28F800 B1 SG-B, MT28F800 B3 SG-B,
 MT28F800 B5 SG-B, MT28F800 B1 SG-T,
 MT28F800 B3 SG-T, MT28F800 B5 SG-T.
 AMD: AM29F400BB, AM29F400BT,
 AM29F400LV400BB, AM29LV400BT.
 FUJITSU: MBM29F400TB, MBM29F400BB,
 MBM29LV400TB, MBM29LV400BB.
 V3.38 : 11/20/97, add TI: TMS28F200ASB, TMS28F200ASB-CD, TMS28F200AEB,
 TMS28F200AEB-CD, TMS28F200AMB, TMS28F200AMB-CD,
 TMS28F200AFB, TMS28F200AFB-CD, TMS28F200AZB,

TMS28F200AZB-CD, TMS28F200AST, TMS28F200AST-CD,
TMS28F200AET, TMS28F200AET-CD TMS28F200AMT,
TMS28F200AMT-CD, TMS28F200AFT, TMS28F200AFT-CD,
TMS28F200AZT, TMS28F200AZT-CD.

add SGS-THOMSON: M29F200T, M29F200B, M29W400T,
M29W400B, M28F220M, M28F220N.

modify the programming algo.

V3.39 : 20/01/98, Add AMD: AM29LV160BT-E, AM29LV160BB-E, AM29LV160BT-S,
AM29LV160BB-S.

CATALYST: CAT28F002P-T

MICRON: MT28F400B1WG-B, MT28F400B5WG-B,
MT28F400B1WG-T, MT28F400B5WG-T,
MT28F400B3WG-B, MT28F400B3WG-T,
MT28F400B1SG-B, MT28F400B5SG-B,
MT28F400B3SG-B, MT28F400B1SG-T,
MT28F400B5SG-T, MT28F400B3SG-T.

modify the programming algo. on SHARP: LH28F400SUT.

modify the programming algo. on AMD:AM29LV160BT-E,
AM29LV160BB-E, AM29LV160BT-S, AM29LV160BB-S.

modify the programming algo. on FUJITSU: MBM29LV160B-PFTN,

MBM29LV160T-PFTN.

V3.40 : 2/17/98, add the programming algo.

add ATMEL: AT49BV2048, AT49BV4096, AT49BV8192, AT49F2048T,
AT49LV2048T, AT49BV2048T, AT49F4096T, AT49LV4096T,
AT49BV4096T, AT49F8192T, AT49BV8192T, AT49LV8192T.

INTEL: TE/E28F160S3, TE/E28F160S5. (ADP-28F016-TS),
PA28F016SC, PA28F016S5, PA28F016S3,
E28F016SC, E28F016S5, E28F016S3.

SHARP: LH28F160SKT, LH28F160SK3. (ADP-28F016-TS)

TOSHIBA: TC58FVT800F, TC58FVT800FT, TC58FVB800F,
TC58FVB800FT, PA28F016SC, PA28F016S5,
PA28F016S3, E28F016SC, E28F016S5,
E28F016S3, TC58FVB800FT.

MICRON: MT28F200B1WG-B, MT28F200B5WG-B, MT28F200B3WG-B,
MT28F200B1WG-T, MT28F200B5WG-T, MT28F200B3WG-T,
MT28F200B5SG-B, MT28F200B5SG-B, MT28F200B3SG-B,
MT28F200B5SG-T, MT28F200B5SG-T, MT28F200B3SG-T.

AMD: AM29F800BT, AM29F800BB, AM29LV800BT, AM29LV800BB.

V3.41 4/23/'98 Add AMD: AM29DL800 (B/BB), AM29DL800 (T/BT).

(ADP-29F800-PS/TS)

Add FUJITSU: MBM29DL800 (B/BB), MBM29DL800 (T/TB)

(ADP-29F800-PS/TS)

Add INTEL: DA28F640J5, DT28F160S3, DT28F160S5,
DT28F320S3, DT28F320S5. (ADP-28F640-SS)

Add INTEL: TE/E 28F008B3-B, TE/E28F008B3-T,

TE/E 28F016B3-B, TE/E28F016B3-T. (ADP-28F008-TS (V2))

Add INTEL: TE/E28F160B3-B, TE/E28F160B3-T,

TE/E28F400B3-B, TE/E28F400BE-T. (ADP-28F800CV-TS)

Add MXIC: MX28F2100BMC, MX28F2100TMC. (ADP-28F400P)

MX28F2100BTC, MX28F2100TTC. (ADP-28F800CV-TS)

Add SHARP: LH28F320S3TD-L. (ADP-28F016-TS)

Add TOSHIBA: TC58F400 (F/FT), TC58F401 (F/FT). (ADP-29F800-

PS/TS)

Using high voltage to read ID code of AMD serier devices.

Modify sectors of INTEL TE/E28F800B3-B, TE/E28F800B3-T.

Modify error of master lock for INTEL TE/E 28F320J5.

A29F1.EXE

V3.00 : 9/19/96, first released version.

add MXIC MX29F8100 (WORD/PAGE)

MX29F1610 (WORD/PAGE)

V3.01 : 12/12/96, modify programming algo.

V3.02 : 11/6/97, add MOTOROLA: M29F800A2KUT, M29F800A2UT, M29F800A2KBT,
M29F800A2BT, M29F800A3KUT, M29F800A3UT,

M29F800A3KBT, M29F800A3BT.
 modify the programming algo.
 add SANYO: LE28FV8001T, LE28FV8001R.
 add MOTOROLA: M28F800A2KUT, M28F800A2UT,
 M28F800A2KBT, M28F800A2BT.

V3.03 : 12/2/97, add MXIC: MX29L8100TTC (ADP-MX29L8100-TS)
 MX29L8100BTC (ADP-MX29L8100-TS)

V3.04 : 02/17/98, add MXIC: MX29L8000TTI, MX29L8000BTI. (ADP-29F008-TS)
 modify the programming algo. (ALL-07 +A3)

V3.05 5/5/'98 to modify the problem failing to program with PAGE for
 MXIC29F1610.

V3.06 9/16/'98 to add new IC, MXIC MX29L8100 (DIP42). (ADP-MX29L8100)

V3.07 01/07/99 1) to add the new ICs such as:
 MXIC MX29F1610A (ADP-MX29F1610-PS/TS)
 & MX29F1610B (ADP-29F1610B-TS)
 2) have the modification as follows:
 a. protect_manul function --> to protect MX29F1610A/B
 b. the eraseop0 function --> to extend the read (status
 register) time

V3.08 03/04/99 c. the type_manu function --> to select more types
 1) to add the new IC, MXIC MX27C1610.
 (ADP-MX27C1610)
 2) to modify Vpp (10V) to Program and Read ID code
 for MXIC MX27C1610

V3.09 05/20/99 to add the devices such as:
 MXIC MX29L1611 (ADP-MX29F1610-PS)
 & MX29L1611G (ADP-MX27C1610)

V3.10 07/22/99 to add the MXIC MX29F1615PC device

V3.11 10/28/99 to add the MXIC MX29L1611TC (TSOP48)
 (ADP-29F161010B-TS)

A29F2.EXE

V3.01 6/1/'98 new files supported for
 SAMSUNG KM29N040TS, KM29N16000 (A)TS, KM29N32000TS. (ADP-
 29N16000)

A95XX.EXE

V3.02 06/17/99 the NATIONAL manufacturer corrected

ABPP.EXE

V3.00 : 6/8/94, 1st released version.
 supports CYPRESS CY7C270/276.

V3.01 : 9/16/94, modify F1, Home, End keys to operate with load
 function.

V3.02 : 12/23/94, modify screen display.

V3.03 : 3/15/95, version update.

AEP42.EXE

V3.00: 6/12/97, The first released version.
 Add SGS-THOMSON: M27C800, M27C160.
 MXIC: MX27C8100.
 AMD: 27C400, 27C800.
 OKI: MSM27C802,
 LG Semicon: GM23C32200AFW(Read only)

V3.01: 7/7/97, Add OKI MSM27C822ZB.

AT45DB161 (ADP-AT45DBXX-PL/TS/S), &
AT45D161 (ADP-AT45DBXX-PL/TS/S)

V3.02 05/13/99 to add the ATMEL AT45DB011 (PLCC)
(ADP-AT45DBXX-PL)

V3.01 18/06/'1998 Add new devices for ATMEL: AT45D021, AT45D041,
(ADP-45DBXX-PL/TS/S)

AT45D081(SOP) (ADP-45DBXX-S)

AT45D081(TSOP) (ADP-45DB08-TS)

Add new adapters for ATMEL: AT45DB021 (ADP-45DBXX-S)

AT45DB041 (ADP-45DBXX-S)

AT45DB081 (SOP) (ADP-45DBXX-S)

AT45DB081(TSOP) (ADP-45DBXX-TS).

V3.00 : 03/10/98, add ATMEL: AT45DB021-PLCC32, AT45DB021-TSOP28,
AT45DB041-PLCC32, AT45DB041-TSOP028.
AT45DB081-TSOP32.

AICCARD.EXE

V1.02 : 4/1/93, first released version.

V1.03 : 7/22/93, add '/BW' function and modify programming algo.
add support for manufacturers: FUJISOKU, ICCI,
TOSHIBA.

V1.04 : 3/11/94, modify programming algo.

delete FUJITSU MB98A6070, MBP8A6080.

add FUJITSU MB98A9061X series SRAM card.

V1.05 : 9/15/94, modify F1 key to operate with load file function.

add total 29 kinds of SRAM, Flash ROM, Mask ROM of
OKI brand.

V1.06 : 12/15/94, add FUJITSU MB98A6081X, MB98A6091X,

MB98A6101X, MB98A6111X.

modify hardware in order to program

MITSUBISHI MF4257-XX, MF4513-XX,

MF41M1-XX, MF42M1-XX.

V1.07 : 1/25/95, modify screen display and programming algo.

add CARRY MCAS0064, MCAS0128, MCAS0512,

MCAS1024, MCAS2048.

AMD AmC001AFLKA.

V1.09 : 3/15/95, version update.

modify load function.

V1.10 : 5/26/95, modify programming algo.

V1.12 : 8/6/96, add FUJITSU MB98A81132, MB98A81232

MB98A81332, MB98A31432

Modify the screen display.

V1.13 : 3/13/97, add AMD AMC004DFLKA, AMC008DFLKA,

V1.14:20/01/98' Add AMD: AMC001CFLKA, AMC002CFLKA, AMC004CFLKA,
AMC010CFLKA AMC020DFLKA.

A95XX.EXE

V3.00 : 8/10/95, first released version.

supports NS NM95HS01 (8pin, 16pin)

NM95HS02 (8pin, 16pin)

V3.01 : 4/30/97, modify the programming algo.

AXC9500.EXE

V3.04 : 12/26/97, add a new set of ID code on XC95108.

Software diskette ADP #4

PROGRAMMER SOFTWARE:

A68705B.EXE:

V3.00 : 03/11/94, first released version.
V3.02 : 6/16/94, modify select function,
add MC68HC705B16 (EPROM), MC68HC705B16 (EEPROM).
V3.03 : 9/16/94, modify load file function with F1, Home, End keys.
V3.04 : 12/27/94, modify screen display and programming algo.
V3.05 : 3/16/95, modify programming algo.
V3.07 : 11/28/95, add MC68HC705B16(QFP), MC68HC705X16(QFP).
modify 705B16/X16
V3.09 : 2/20/97, add MC68705X32-QFP64.
modify the programming Spec.
V3.10 : 97/08/27, Modify the programming algo.
V3.11 : 02/13/98, add MOTOROLA: MC68HC705B32 (ADP-68HC705B5-PL or ADP-68HC705X16-Q)

A68705K.EXE

V3.00 : 2/3/94, first version.
V3.03 : 7/18/94, modify type display and programming algo.
V3.04 : 9/16/94, modify load file function with F1, Home, End keys.
modify auto function.
V3.05 : 12/27/94, modify screen display and programming algo.
V3.06 : 3/16/95, modify programming algo.
V3.10 : 8/26/96, add MC68HC70JIA (DIP20,SOP20).

A68705L.EXE

V3.00 : 5/7/94, first released version.
supports MOTOROLA MC68HC705L5.
V3.01 : 9/16/94, modify load file function with F1, Home, End keys.
V3.02 : 12/27/94, modify screen display and programming algo.
V3.03 : 3/16/95, modify programming algo.
add MC68HC705L16.
V3.04 : 02/13/98, add MOTOROLA: MC68HC705MC4. (ADP-68HC705MC4).
V3.05 6/26/'98 add new IC such as MOTOROLA MC68HC705JJ7. (ADP-68HC705JJ7)
V3.06 9/14/'98 to add new IC, MOTOROLA MC68HC705JP7. (ADP-68HC705JP7/-S)
V3.07 01/21/99 to modify the program security algorithm for
MC68HC705JJ7/JP7.
V3.08 06/24/99 to add the MOTOROLA MC68HC705JB4
(ADP-68HC705JB4-S)

A68705P.EXE

V3.03 : 4/1/93, first released version.
V3.06 : 6/28/93, modify screen display and programming algo.
V3.07 : 9/15/93, modify programming algo.
V3.08 : 2/3/94, modify programming algo.
V3.09 : 7/18/94, modify type display and programming algo.
add MC68HC705P6
V3.10 : 9/16/94, modify load file function with F1, Home, End keys.
V3.11 : 12/6/94, modify screen display.
add 68HC705 x 4.
V3.12 : 3/16/95, modify programming algo.
V3.13 : 7/20/95, add MOTOROLA MC68H705E1.

V3.14 : 4/25/96, modify programming XC68HC705X4.
V3.15 : 5/23/96, modify programming algo.
V3.16 : 12/19/96, add MOTOROLA MC68HC705P6A.
V3.17 : 03/31/98, modify the programming algo.
V3.18 01/21/99 to add the new IC, MOTOROLA MC68HC805P18.
(ADP-68805P18/-S)

A68711.EXE

V3.25 : 4/1/93, first released version.
V3.26 : 6/28/93, modify screen display and programming algo.
V3.27 : 9/15/93, modify programming algo.
V3.28 : 3/11/93, version update.
V3.29 : 5/13/94, modify display of adapter MC68HC71103,
modify Home, End keys in select function.
V3.30 : 6/16/94, modify select function.
V3.31 : 7/22/94, add MCHC711E20 (EPROM), MCHC711E20 (EEPROM),
MCHC11E20 (EEPROM);
modify load function.
V3.32 : 9/16/94, modify load file function with F1, Home, End keys.
add MC 68S711E9;
modify Nosec bit and auto functions.
enhance programming function for EPROM, EEPROM and
Config.
V3.33 : 12/6/94, modify screen display.
add 68HC11F1.
V3.34 : 3/16/95, modify programming algo.
add 68HC711KA4.
V3.35 : 5/9/95, modify programming algo.
V3.36 : 7/24/95, modify programming algo.
V3.37 : 11/28/95, enhance "g" function for EPROM and Config.
V3.39 9/14/'98 to add new IC, TOSHIBA TMP68HC11A1. (ADP-68HC711E/E9-Q)
V3.40 01/21/99 to add the new IC, MOTOROLA MC68HC711EA9.
(ADP-68711EA9-PL)

A68811.EXE

V3.03 : 4/1/93, first released version.
V3.04 : 7/23/93, add '/BW' function.
V3.05 : 3/11/93, version update.
V3.06 : 6/16/94, modify select function,
add MC68HC11A1/A8 (DIP-48 EEPROM).
V3.07 : 9/16/94, modify load file function with F1, Home, End keys.
V3.08 : 12/27/94, modify screen display and programming algo.
V3.09 : 3/16/95, modify programming algo.
V3.10 : 5/24/96, modify programming algo.

A705BD.EXE

V3.00 : 10/23/96, first released version.
add MOTOROLA MC68HC70BD3
V3.01 : 5/14/97, add MOTOROLA MC68HC705BD7.
V3.02 6/17/'98 to add new IC, MOTOROLA MC68HC705BD9.

A68705.EXE

V3.20 : 4/1/93, first released version.
V3.21 : 7/22/93, add '/BW' function and modify programming algo.
V3.23 : 5/5/94, modify the screen display as ADP-68705/P3.
V3.24 : 9/15/94, modify F1 key to operate with load file function.
modify save file function.

V3.25 : 12/23/94, modify screen display and programming algo.
V3.26 : 3/15/95, version update.
V3.27 : 5/3/95, modify programming algo.
V3.28 : 11/21/95, add MOTOROLA MC68HC705C8A

A68HC705.EXE

V3.00 : 6/29/93, first released version.
V3.01 : 3/11/94, modify programming algo. on MC68HC805C4.
V3.02 : 7/18/94, modify read, load and save functions.
V3.03 : 9/27/94, modify load and display functions.
V3.04 : 12/23/94, modify screen display and programming algo.
add MOTOROLA MC68HC705C8A.
V3.05 : 3/15/95, version update.
V3.06 : 5/26/95, modify programming algo.
V3.07 : 10/17/95, add MOTOROLA MC68HC705C4A.
V3.08 : 4/2/96, modify programming algo. on MOTOROLA MC68HC705C4A.
V3.09 : 7/18/96, add MOTOROLA 68HC705C9A, 68HC705C12A.
V3.10 : 03/13/98, modify the programming algo. on MC68HC70509A
modify the programming algo. on MC68HC705C8A.
V3.11 01/21/99 to add the new IC, MOTOROLA MC68HC705D32.
(ADP-68HC705C9/-PL)

A68711G.EXE

V3.00 : 7/18/94, 1st released version.
supports MOTOROLA MC68HC711G5.
V3.01 : 9/16/94, modify load file function with F1, Home, End keys.
V3.02 : 12/27/94, modify screen display and programming algo.
V3.03 : 3/16/95, modify programming algo.

A711L6.EXE

V3.00 : 12/26/97, add MOTOROLA MC68HC711L6 (ADP-68HC711L6).

A705SR3.EXE

V3.00 : 12/23/96, first released version
add MOTOROLA MC68HC705SR3.
V3.01 : 11/5/97, add the programming MOR function.

A68701.EXE

V3.14 : 4/1/93, first released version.
V3.15 : 6/29/93, modify programming algo.
V3.16 : 8/5/93, modify programming algo.
V3.17 : 9/12/93, version update.
V3.19 : 3/11/94, modify programming algo.
V3.20 : 9/16/94, modify F1, Home, End keys to operate with load
function.
V3.21 : 12/23/94, modify screen display.
V3.22 : 3/15/95, modify load file function.

Software diskette ADP #5

PROGRAMMER SOFTWARE:

A180.EXE

V3.00 7/10/97, First released version.
Add PHILIPS: P87C380, P87C381.
V3.01 97/9/2, Modify the programming algo.
V3.02 8/20/'98 1) to modify the Verify VCC voltage for P87C380 -- original
5.8V is changed to 5V.
2) to modify address pin A0-A7 for P87C380 -- initially used
VHH is changed to TTL control.

A751.EXE

V3.14 : 4/1/93, first released version.
V3.15 : 4/16/93, modify programming algo on 87C054.
V3.16 : 6/29/93, modify screen display.
add PHILIPS 87C750, 87C055.
V3.17 : 9/14/93, modify programming algo.
V3.18 : 3/11/94, version update.
V3.19 : 9/16/94, modify F1, Home, End keys to operate with load function.
V3.20 : 12/23/94, add PHILIPS 87C748.
V3.21 : 3/15/95, add PHILIPS 87C749.
V3.22 : 6/16/95, add PHILIPS 87C542(44pin, PLCC)
V3.23 06/01/00 to modify the Program function for
PHILIPS S87C055

A766.EXE

V3.00 : 9/12/97, First released version.
Add PHILIPS : P87C766. (ADP-87C766-SD.)
V3.01 8/20/'98 1) to modify the timing of P87C766 programming -- to
program with 5 pulse * 100 us.
2) to modify the programming VCC to 5V for P87C766.

A770.EXE

V3.00 8/20/'98 1) the new file.
2) to assist PHILIPS P87C770.

A8796.EXE

V3.16 : 4/1/93, first released version.
V3.17 : 6/29/93, modify screen display.
add INTEL 87C196KT, 87C196KD, 87L196KD.
V3.18 : 9/14/93, add INTEL 87C196KS.
V3.19 : 10/28/93, add INTEL 87C196NT, 87C196NQ, 8796JC.
V3.20 : 3/11/94, version update.
V3.21 : 5/11/94, add 87C196MD.
V3.22 : 6/21/94, add INTEL 87C196MD.
V3.23 : 9/16/94, modify F1, Home, End keys to operate with load
function.
V3.24 : 12/23/94, add INTEL 87C196CA.
V3.25 : 3/15/95, version update.
V3.26 : 8/30/95, add INTEL 87C196MH.
V3.27 : 12/6/95, modify reset function.
add INTEL 87C196KC, 87C196KB, 87C194, 87C198,
of QFP package.
V3.28 : 3/26/96, add INTEL 87C196JT.
V3.29 : 12/9/96, add INTEL 87C196CB-PLCC84.
V3.30 10/20/'98 to add new ICs such as:
INTEL 87C196CB(QFP)=>(ADP-87C196CB-Q)
87C196MC(SDIP)=>(ADP-87C196MC-SD)

A97C100.EXE

V3.01 : 4/1/93, first released version.
V3.02 : 7/23/93, add '/BW' function.
V3.03 : 3/11/93, version update.
V3.04 : 9/16/94, modify load file function with F1, Home, End keys.
 rename adaptor as ADP-97C100/-Q.
V3.05 : 12/27/94, modify screen display and programming algo.
V3.06 : 3/16/95, modify programming algo.

ACY229X.EXE

V3.00 03/25/99 to add the new IC, CYPRESS CY2292F.
 (ADP-CY2292F-S)
V3.01 04/08/99 to add the CYPRESS CY2291F device
 (ADP-CY2291F-S)
V3.02 09/02/99 to add the devices such as:
 CYPRESS CY2071A, CY2907F8, & CY2907F14
 =>(ADP-CY2907-S)
V3.03 03/09/00 to modify the Jump display on the screen for
 CYPRESS CY2071A, CY2907FB, & CY2907F14.

AMPU1.EXE

V3.00 : 8/30/96, first release version
 add MITSUBISHI M3420E2.
V3.01 : 11/6/97, add MITSUBISHI: M34238EK.
 modify the programming algo.

V3.02 : 05/06/99, to add the MITSUBISHI M34280E1 device
 (ADP-M34280-S)

AMPU2.EXE

V3.00 : 9/06/96, first release version.
 add ZILOG Z89371
 MITSUBISH M37451E4, M37451E8, M37450EC,
 M37450E4, M37450E8.
V3.01 : 9/25/96, add MITSUBISHI M38802E2, M38813E4, M38002E2,
 M38004E8, M38002E4
V3.02 : 10/4/96, modify programming algo. on Z89371.
V3.03 : 11/28/96, add MITSUBISHI M38067EC, M38207E8, M38063E6,
 M38203E4 M37702E2B, M37702E4B,
 M37702E6B, M37702E8B.
V3.04 : 12/13/96, add MITSUBISH M37471E4, M37471E8.
V3.05 : 3/14/97, add MITSUBISHI M34515E4, M34520E8,
 M37070E4, M37470E8, M38067EC (AFS),
 M38203E4 (FS), M38207E8 (FS).
V3.06 7/15/97, Add M38867E8, M30600E8 and M37515E4.
V3.08 8/27/'98 1) to add new ICs such as MITSUBISHI M37210E4 (ADP-M37210-
SD), M37267EE (ADP-M37267-SD), M37705E2 (ADP-M37705-SD),
 M37710EF (ADP-M37710-Q), & M38869FF (ADP-M38869-TQ).
 2) to modify memory buffer and increase to 128K.
V3.09 9/30/'98 to add new ICs such as:
 MITSUBISHI M30610EC, M30612E4, & M30612E8.=> (ADP-M30600-Q/-
QB)
 M37531E4 (ADP-M37531-SD)
 M38503E4 (ADP-M38503-SD)
V3.10 11/05/'98 the modifications as follows:
1) to modify MITSUBISHI M37267EE not used area from
10C00 to 11fff
2) to disable the erase function for MITSUBISHI M38869FF
(serial)
3) to modify the Program busy hi/los and Verify counter

for MITSUBISHI M38869FF (serial)

- V3.11 01/07/99 1) to add the new IC, M37221EF (ADP-M37221-SD)
2) to modify the program verification for M38869FF (serial)
3) to modify the adapter name for M37710EF & M37531E4
- V3.12 01/14/99 to add the new IC, MITSUBISHI M37260E6. (ADP-M37260-Q)
- V3.13 03/25/99 1) to add the new ICs such as:
MITSUBISHI M37477E8 (ADP-M37470-SD)
& MITSUBISHI M37478E8 (ADP-M37471-SD)
2) to modify the type name ---
MITSUBISHI M37705E2 -> M37705E2A
- V3.14 04/15/99 Modification for MITSUBISHI---
ADP-M30600-Q/-QB is changed to ADP-M30600-Q/-QB/-LC
ADP-M37260-Q is changed to ADP-M37260-Q/-SD
- V3.15 05/13/99 1) to add the MITSUBISHI M37705E4B device (ADP-M37705B-SD)
2) modification:
a. ADP-M37531-SD/-SS -> ADP-M37531-SD/-SS/-Q
b. to modify TYPE selection
3) to add Buffer structure function selection
- V3.16 05/20/99 1) to add the devices such as:
MITSUBISHI M34550E8 (ADP-M34550-Q)
& M34513E4 (ADP-M34513-Q/-SD)
2) to modify Display buffer, Compare READ_BUF function
- V3.17 08/12/99 1) to add the devices such as:
MITSUBISHI M38504E6 (ADP-M38503-SS),
M34514E8 (ADP-M34514-SS),
M30624FG (ADP-M30624-Q/-TQ), &
M306K1F8L (ADP-M306K1-TQ)
2) ADP-M38503-SD is changed to ADP-M38503-SD/-SS
- V3.18 09/02/99 to modify the MITSUBISHI M306K1F8L device ---
User block size & Boot block area
- V3.19 10/28/99 to add the MITSUBISHI M37640E8FP (ADP-M37640-Q)
- V3.20 01/06/00 to add NOVATEK NT68P61A & NT68P62 =>(ADP-NT68P61)
- V3.21 01/13/00 to add the MITSUBISHI M37712E4BFP (ADP-M37710-Q)
- V3.22 01/27/00 to add the MITSUBISHI M38C37ECMFP (ADP-M38C37-Q)

AMPU3.EXE

- V3.00 : 12/9/96, first release version.
add MICROCHIP PIC12C08, PIC12C509.
- V3.01 : 12/20/96, modify the programming algo.
- V3.02 : 4/9/97, modify the programming algo.
- V3.03: 6/4/97, Modify the programming algo.
- V3.04 4/23/'98 Add MICROCHIP: PIC12C671, PIC12C672, PIC12C671(JW),
PIC12C672(JW).
- V3.05 12/16/'98 to add new ICs such as:
MICROCHIP PIC12C508A, PIC12C508A(JW),
PIC12C509A, & PIC12C509A(JW).
=>(ADP-PIC12C5X/-5)
- V3.06 02/06/99 to add the new ICs such as:
MICROCHIP PIC12CE518 & PIC12CE519
=>(ADP-PIC12C5X/-S)
PIC12CE518(JW) & PIC12CE519(JW)
=>(ADP-PIC12C5X/-S)
- V3.07 04/22/99 to add the MICROCHIP PIC12CE673 & PIC12CE674

(ADP-PIC12C5X/-S)
V3.08 07/15/99 the modification of the delay time between
the command and data: 100us -> 10us

AMPU4.EXE

V3.00 : 11/28/95, first release version
add MICROCHIP PIC16C923, PIC16C924

V3.02 07/01/98' Add MICROCHIP: PIC17C752, PIC17C756

V3.03 9/14/'98 to add new adapters for the devices as follows:
MICROCHIP PIC17C752 & PIC17C756.=> (ADP-PIC17C75X-Q)

V3.04 06/04/99 Modifications:
1. to add Intel Hex function
2. configuration word loaded into the real buffer
address
counter
3. announced definition of the swap function changing

V3.05 07/15/99 1. to add the Intel Hex
2. to make the configuration word loaded into
Address 1FC00 & 1FC01
3. to modify the SWAP function
4. to add the MICROCHIP PIC16F877 & PIC16F874
(ADP-PIC16F87X)

V3.05 09/09/99 to modify the checksum calculation

V3.06 09/16/99 to add the MICROCHIP PIC17C756A device
(ADP-PIC17C75X-SD/PL/Q)

V3.07 01/13/00 to add the DEBUG mode for
MICROCHIP PIC16F877 & PIC16F874

V3.08 01/20/00 to add the Unprotect and Erase with AUTO
for PIC16F877 & PIC16F874

AMPU5.EXE

V3.00 : 4/3/97, first released version.
add TI TMS370C710A, TMS370C742A
TMS370C758A, TMS370C758B
TMS370C756A, TMS370C610A.

V3.02 : 11/28/97, add TI: TMS370C712A (ADP-370CX1X-PL),
TMS370C722 (ADP-370CX4X-PL),
TMS370C759A (ADP-370CX5X-PL),
TMS370C777A (ADP-370CX5X-PL),
TMS370C702 (ADP-370CX1X-PL).

AMPU6.EXE

V3.01 9/16/'98 1) to modify the Verify function and add the Vcc max & Vcc
min functions.
2) to modify IC & Adapter indication.

V3.02 11/11/'98 to add new ICs, CYPRESS CY7C63100/A & CY7C63101/A
(QSOP24).=>(ADP-CY63100-QS)

V3.03 01/14/99 the modification for
the 18-pin/20-pin/24-pin chips--
the address of the watch dog Register is 21H.
(CY7C63000/1, CY7C63100/1, CY7C63200/1)

V3.04 04/01/99 1) to modify the value of setVCC in the
verify function in order to coorespond the
4V & 5.5V verify voltages for CYPRESS CY7C63000 series
2) to modify the readdat function

V3.05 05/27/99 to add the devices such as:
 CYPRESS CY7C63612 (ADP-CY6361X-S24)
 CY7C63613 (ADP-CY6361X-S24)

V3.06 06/17/99 to add the devices such as:
 CYPRESS CY7C64111 (SSOP48),
 CY7C64112 (SSOP48), CY7C64113 (SSOP48),
 CY7C65013 (SSOP48), CY7C66011 (SSOP48),
 CY7C66012 (SSOP48), CY7C66013 (SSOP48),
 CY7C66111, CY7C66112, & CY7C66113
 =>(ADP-CY7C66XX-SS)

V3.07 06/24/99 to add the devices such as:
 CYPRESS CY7C64011, CY7C64012, CY7C64013, & CY7C65113
 =>(DIP28) (ADP-CY7C66XX-D48)
 CY7C64111, CY7C64112, CY7C64113, CY7C65013, CY7C66011,
 CY7C66012, & CY7C66013 =>(DIP48) (ADP-CY7C66XX-D48)

V3.08 07/08/99 to add the devices such as:
 CYPRESS CY7C64011, CY7C64012, CY7C64013,
 & CY7C65113 =>(SOP28) (ADP-CY7C6XXX-S28)

V3.09 03/23/00 to change the adapter name for
 CYPRESS CY7C64011/12/13 (SOP28) & CY7C65113 (SOP28)
 to ADP-CY7C6XXX-S28

ASIGMPU.EXE

V3.14 : 4/1/93, first released version.
 V3.15 : 6/29/93, modify screen display.
 V3.16 : 3/11/94, version update.
 V3.17 : 9/16/94, modify F1, Home, End keys to operate with load function.
 V3.18 : 12/23/94, add PHILIPS 89CE558, 87CE598.
 V3.19 : 3/15/95, version update.
 V3.21 : 8/30/95, add INTEL SB87C51SL, KU87C51SL;
 DALLAS 87C530.
 V3.22 : 12/7/95, add PHILIP P51XAG37A for ADP-51XA-PL
 V3.23 : 1/23/96, add PHILIPS P51XAG27, P51XAG17
 modify read function on PHILIP 87C592
 V3.24 : 12/18/96, add PHILIPS 87C453.
 V3.25 : 7/14/97, Add LG SEMICON: 97C101/2051 (ADP-97C201/-S)
 PHILIPS : 87CE560 (ADP-CE598-Q).
 V3.26 : 97/9/2, Add SIEMENS : C505CA-4E
 V3.27 : 11/13/97, modify the "program" function on LG GMS97C1051/2051.
 Add SIEMENS: SABC504-2E, C505L-4E.
 V3.28 : 12/11/97, add SIEMENS: C515C-8E (ADP-C515-Q).
 C164CI-8EM (ADP-C164CI-Q).
 V3.29 : 03/18/98, add SIEMENS: C541U, C540U.
 V3.30 9/16/'98 to add ICs, PHILIPS 87C390 & 87C391.=> (ADP-87C390-SD)
 V3.31 11/11/'98 1) to add new ICs, PHILIPS 87C695 (ADP-87C695-SD) &
 51XAS37 (ADP-51XAS37-PL).
 2) to modify the verifying voltage as 3.9V for 87C390 &
 87C391
 V3.32 12/17/'98 1) to add new ICs,
 LG-SEMICON GMS97L1051 & GMS97L2051.
 (ADP-97C2051/-S)
 2) to modify the programming pulse of
 PHILIPS 87C451 & 87C552 to 25*100us.
 V3.33 01/14/99 to add new ICs such as:
 ATMEL ATMEGA103, ATMEGA103L, ATMEGA603, & ATMEGA603L
 =>(ADP-ATMEGA603-Q)
 PHILIPS 87C390 (QFP80) (ADP-87C695-Q)
 V3.34 01/28/99 to add the new ICs such as:
 SMARTCHIP SMC57C2051 & SMC57C1051 =>(ADP-97C2051/-S)

V3.35 03/11/99 to add the new IC, PHILIPS 87C554.
(ADP-552/-QFP)

V3.36 04/01/99 to modify the VPP voltage to 10.75V for
PHILIPS 51XAG3 & 51XAS3 series.

V3.37 04/29/99 to add the DALLAS DS87C550 device
(ADP-552)

V3.38 05/13/99 to add the PHILIPS 87LPC764 device
(ADP-87LPC764)

V3.39 05/27/99 to add the devices such as:
PHILIPS 87LPC764 (SOP20) (ADP-87LPC764-S)
87LPC764 (PLCC44) (ADP-87LPC764-PL)
87C190 & 87C290 =>(SDIP56) (ADP-87C390-SD)
87C190 & 87C290 =>(QFP80) (ADP-87C695-Q)
87C395 & 87C495 =>(ADP-87C695-SD/-Q)

V3.40 07/08/99 to modify the SIEMENS C164CI-8EM device:
VCC -> 4.5V
VPP ->11.5V

V3.41 07/29/99 1) to add the devices such as:
SIEMENS C508-4E (ADP-508-01-SD)
PHILIPS 87C690 (QFP) (ADP-87C695-Q)
87C690 (SDIP) (ADP-87C390-SD)
2) to add the ADP-530-Q adapter for DALLAS DS87C530

V3.42 09/02/99 to add the SIEMENS SDA545XOTP device
(ADP-SDA545X-SD)

V3.43 10/14/99 to add the PHILIPS P87C557E8 (ADP-CE598-Q) &
87LPC762 (ADP-87LPC764/-S/-PL)

V3.44 01/13/00 to add the PHILIPS 89C557
(ADP-CE598-Q)

V3.45 03/09/00 1) to modify the 872PC762 name
2) to delete SIEMENS C161CSI

V3.46 05/11/00 to modify the type name:
PHILIPS 89CE557 -> 89C557E4

Software diskette ADP #6

PROGRAMMER SOFTWARE:

A4418.EXE

V3.00 : 1/14/94, first version.
V3.01 : 3/11/94, version update.
V3.02 : 9/16/94, modify F1 key to operate with select function.
V3.03 : 12/23/94, modify screen display and programming algo.
V3.04 : 3/15/95, modify programming algo.

A647180.EXE

V3.06 : 4/1/93, first released version.
V3.07 : 6/29/93, modify programming algo. and screen display.
V3.08 : 9/14/93, version update and modify HEX code.
V3.09 : 3/11/94, version update.
V3.10 : 9/16/94, modify F1 key to operate with select function.
V3.11 : 12/23/94, modify screen display and programming algo.
V3.12 : 3/15/95, modify programming algo.
V3.13 08/19/99 to add the HITACHI HD647180X0FS device
(ADP-647180-Q)

A78P312.EXE

V3.03 : 4/1/93, first released version.
V3.04 : 6/29/93, modify programming algo.
V3.05 : 9/14/93, version update.
V3.06 : 12/20/93, add NEC uPD78P014, uPD78P214, uPD78P328, uPD78CP14.
V3.07 : 3/11/94, version update.
V3.08A: 8/12/94, add uPD78PQ64.
V3.09 : 9/16/94, modify F1 key to operate with select function.
V3.10 : 12/23/94, modify screen display and programming algo.
V3.11 : 2/23/95, add NEC 78P054-Q, 78CP14-SD.
V3.12 : 3/15/95, version update.
V3.13 : 5/15/95, modify programming algo.
V3.14 : 5/24/95, modify programming algo.
V3.15 : 6/29/95, modify programming algo. on NEC 78PQ54.
V3.16 : 8/2/95, modify programming algo.
V3.17 : 5/22/96, add NEC uPD78P064 (LCC), uPD78P064 (A-QFP)
uPD78P054 (LCC), uPD78P054 (TQFP), uPD 78P218A (QFP).
V3.18 : 9/13/96, add NEC uPD78P0308.
V3.19 : 1/30/97, add NEC uPD78P083GB.
V3.20 : 4/1/97, add NEC uPD78P018FY.
V3.21 : 09/22/97, add UPD78CP18.
divide uPD78P064 into uPD78P064GF and uPD78P064GC.
divide uPD78P0308 into uPD78P0308GF and uPD78P0308GC.
V3.22 : 02/17/98, add NEC: uPD78P018FGC. (ADP-UPD78P018-Q)
uPD78P018FGK. (ADP-UPD78P018GK-TQ).
V3.23 : 03/04/98, add NEC: UPD78P058GC. (ADP-UPD78P054-Q)
V3.24 : 03/24/98, add NEC UPD78P0208GF (ADP-UPD78P0208-Q).
V3.25 6/16/'98 1) to modify the verification without 5 times retrying in
NEC UPD78P018FCW/FGC/FGK programming.
2) to modify NEC UPD78P083GB "Read" function.
V3.26 9/15/'98 to add new ICs, NEC UPD78P083CU & UPD78P083DU.=> (ADP-
UPD78P083-SD)
V3.27 02/25/99 1) to add the new IC, NEC uPD78P4038GC.
(ADP-78P4038-TQ)
2) the modification is as follows:
a. PC Buffer from 64K to 128K
b. addset () function

- c. type name can correspond with the type name of .DEV
- d. to change model name (ALL-07=>Printer Port Based)

AH4000.EXE

- V3.00 : 09/16/94, This file is a combination of A4019.EXE, A4308.EXE, A4329.EXE and A4618.EXE.
modify F1 key to operate with select function.
add HITACHI HD4074224.
- V3.01 : 11/25/94, modify screen display.
add HD4074344S/FP, HD4074394S/FP, HD4074654S.
- V3.02 : 12/23/94, modify screen display.
- V3.03 : 3/15/95, modify programming algo.
- V3.04 : 6/13/95. add HD4074054S/H, HD4074094S/H.
- V3.06 97/8/4, Add HITACHI : HD4074889TE.
- V3.07 : 12/22/97, add HITACHI: HD4074889H. (ADP-4889-Q).
- V3.08 : 12/24/97, add HITACHI:HD407A4669H,HD407A4069H (ADP-4669-Q).
- V3.09 6/16/'98 to add new ICs such as HITACHI HD407A4374FT, HD407A4384FT (ADP-4384-S)
HD407A4384S (ADP-4384-SD)
- V3.10 11/05/'98 to add new ICs such as HITACHI HD4074459H=>(ADP-4459-Q)
HD407A4389FT &
HD407C4389FT=>(ADP-4389-S)
HD407A4639RF=>(ADP4639-Q)
- V3.11 01/21/99 to modify the memory size for
HITACHI HD407A4384S, HD407A4384FT, HD407A4374FT,
HD407A4389FT, & HD407C4389FT.

AH8325.EXE

- V3.08 : 4/1/93, first released version.
- V3.09 : 6/29/93, modify programming algo. and screen display.
- V3.10 : 9/14/93, version update and modify HEX code.
- V3.11 : 11/2/93, modify programming algo.
- V3.12 : 3/11/94, version update.
- V3.13 : 5/13/94, rename adapter ADP-H8/532 as ADP-H8/532/-Q
ADP-H8/325 as ADP-H8/325/-Q
ADP-H8/330 as ADP-H8/330/-Q
- V3.14 : 8/17/94, modify programming algo.
- V3.15 : 9/16/94, modify F1 key to operate with select function.
- V3.17 : 12/23/94, modify screen display and programming algo.
add HD6473378VF/VCP, 6473388VF/VCP.
- V3.18 : 3/15/95, add HITACHI HD6473332CP/TF.
- V3.19 : 8/21/95, add HITACHI HD647384x.
- V3.20 : 9/6/95, add HITACHI HD64f3434TF.
- V3.21 : 1/5,96, add HITACHI HD6473378F/CP, HD6473388F/CP
HD64F3334F/TF/CP
- V3.23 : 7/12/96, modify reset function on HITACHI 64F3434.
add HITACHI 6477034F
- V3.24 : 8/7/96, add HITACHI HD6473032F
- V3.25 : 4/30/97, add HITACHI HD64F3337F/TF, HD6473048F,
HD6476214P, HD6473214F, HD6473217P,
HD6473217F, HD6473644P, HD6473644H,
HD6477042F, HD3473297F.
- V3.26 : 97/8/4, Add HITACHI : HD64F3337CP, HD6477043F, HD647334F,
HD6473256F, HD6473256CP, HD6473256P, HD6473257F,
HD6473257CP, HD6473257P, HD6473042F, HD6473042TF.
- V3.27 : 02/03/98, add HITACHI: HD64F3048F, HD64F3048TF. (ADP-H8/3048F-Q)
- V3.28 : 02/26/98, add HITACHI: HD64F3644P (ADP-64F3644-SD), HD64F3644H,
HD6473434F, HD6473434TF, HD6473837H,
HD6472246F, HD6472246TE. (ADP-6472246-Q)
- V3.29 5/7/'98 to add new ICs such as:

HITACHI HD6473657W (ADP-6473657-TQ)

HD6473657X (ADP-6473657-TQF)

HD6473837X (ADP-6473837-Q)

HD64F3644W (ADP-64F3644-TQ) AH8520.EXE

V3.30 8/28/'98 to add new ICs such as HITACHI HD6473035F (ADP-6473035-Q),
HD6473035TE (ADP-6473035-TQ), HD6473278F (ADP-6473278-Q),

HD6473334TF (ADP-6473334-TQ), HD6473614H (ADP-6473614-Q),
HD6473724F (ADP-6473724-QB),

HD6473724H (ADP-6473724-QA), HD6473927X (ADP-6473927-TQ), &
HD64F7044F (ADP-64F7044-Q).

V3.31 9/16/'98 to add new IC, HITACHI HD64F7045F. (ADP-64F7045-Q)

V3.32 01/07/99 to add the new ICs such as:

HITACHI HD6473827W (ADP-6473827-TQ)

HD6473837F (ADP-6473837-QA)

HD64F7410F (ADP-64F7410-Q)

V3.33 01/21/99 to add the new ICs such as:

HITACHI HD6472237F (ADP-6472237-QA) &

HD6472237TE (ADP-6472237-QB)

V3.34 02/08/99 to add the new IC, HD6472237TF. (ADP-6472237-TQ)

V3.35 04/01/99 to add the devices such as:

HITACHI HD6473298P (ADP-6473298-SD),

HD6473714H (ADP-6473714-Q), & HD64F3062TE (ADP-64F3062-

TQ)

V3.36 06/03/99 to add the devices such as:

HITACHI HD6473714P (ADP-H8/3714-SD)

HD6473337TF (ADP-6473334-TQ)

V3.37 08/19/99 to add the devices such as:

HITACHI HD6473827H (ADP-6473827-Q) &

HD64F3437F (ADP-H8/3434F-Q)

V3.38 11/18/99 to add the HITACHI HD6473867W device
(ADP-6473827-TQ)

V3.39 01/13/00 to add the HITACHI HD6473834F
(ADP-H8/3834-QA)

V3.40 01/27/00 to add the devices such as:
HITACHI HD64F3064TE (ADP-64F3064-TQ) &
HD6473337CP (ADP-6473337-PL)

V3.41 02/24/00 to modify the programming process ---
modification for those Flash with page programming
after setting Target Zone

V3.00 : 11/2/93, first released version.

V3.01 : 3/11/94, version updae.

V3.02 : 9/16/94, modify F1 key to operate with select function.

V3.03 : 12/23/94, modify screen display and programming algo.

V3.04 : 3/15/95, modify programming algo.

AH8520.EXE

V3.05 11/06/'98 to add new IC, HITACHI HD6475208CP.=>(ADP-H8/520-PL)

AHT48R.EXE

V3.00 6/4/'98 to add new ICs such as HOLTEK HT48R12(16P), HT48R12(18P),
HT48R12(20P), HT48R12(24P)

HT48R12(28P), HT48R32(16P), HT48R32(18P), HT48R32(20P),
HT48R32(24P), HT48R32(28P).

HT48R32(32P), HT48R50(20P), HT48R50(24P), HT48R50(28P),
HT48R50(32P), HT48R50(40P).

V3.01 11/11/'98 1) to add new ICs such as:

HOLTEK HT48R10, HT48R11, HT48R30, & HT48R31 (18P)=>(ADP-

HT48R/-S28)

HT48R10, HT48R11, HT48R30, & HT48R31 (20P)=>(ADP-

HT48R/-S28)

HT48R10 & HT48R11 (24P)=>(ADP-HT48R/-S28)
HT48R30 & HT48R31 (28P)=>(ADP-HT48R/-S28)
HT48R52 (28P/40P)=>(ADP-HT48R)

2) to add the Load HT-ICE V2.5 code function
1) to rename HOLTEK Type:
HT48R11(18-pin) => HT48R11(18-pin)-F
HT48R11(20-pin) => HT48R11(20-pin)-F
HT48R11(24-pin) => HT48R11(24-pin)-A/B/C/D
HT48R12(16-pin) => HT48R12(16-pin)-A/B/C/D
HT48R12(18-pin) => HT48R12(18-pin)-F
HT48R12(20-pin) => HT48R12(20-pin)-F
HT48R12(24-pin) => HT48R12(24-pin)-A/B/C/D
HT48R12(28-pin) => HT48R12(28-pin)-A
HT48R31(18-pin) => HT48R31(18-pin)-A/B/C/D
HT48R31(20-pin) => HT48R31(20-pin)-F
HT48R31(28-pin) => HT48R31(28-pin)-A/B/C
HT48R32(16-pin) => HT48R32(16-pin)-A/B/C/D
HT48R32(18-pin) => HT48R32(18-pin)-A/B/C/D
HT48R32(20-pin) => HT48R32(20-pin)-F
HT48R32(24-pin) => HT48R32(24-pin)-A/B/C
HT48R32(28-pin) => HT48R32(28-pin)-A/B/C
HT48R32(32-pin) => HT48R32(32-pin)-A
HT48R50(20-pin) => HT48R50(20-pin)-A/B/C/D/E/F
HT48R50(24-pin) => HT48R50(24-pin)-A/B/C/D/E/F
HT48R50(28-pin) => HT48R50(28-pin)-A/B/C/D/E/F
HT48R50(32-pin) => HT48R50(32-pin)-A/B/C/D/E/F
HT48R50(40-pin) => HT48R50(40-pin)-A
HT48R52(28-pin) => HT48R52(28-pin)-A/B/C/D/E/F
HT48R52(40-pin) => HT48R52(40-pin)-A
2) to add the devices such as:
HOLTEK HT48R11(16-pin)-A/B/C/D,
HT48R11(18-pin)-A/B/C/D, HT48R11(20-pin)-A/B/C/D,
HT48R12(18-pin)-A/B/C/D, HT48R12(20-pin)-A/B/C/D,
HT48R31(16-pin)-A/B/C/D, HT48R31(20-pin)-A/B/C/D,
HT48R31(24-pin)-A/B/C/D, & HT48R32(20-pin)-A/B/C/D

A75P008.EXE:

V3.10 : 4/1/93, first released version.
V3.11 : 6/29/93, modify programming algo.
V3.12 : 9/14/93, version update.
V3.13 : 12/17/93, add NEC uPD75P54, uPD75P56, uPD75P64,
uPD75P66, uPD75P516, uPD75P518.
V3.14 : 3/11/94, version update.
V3.16 : 9/16/94, modify F1, Home, End keys to operate with load
function.
V3.18 : 12/23/94, add uPD75P036.
V3.19 : 3/15/95, modify programming algo.
V3.20 : 6/23/95, modify screen display.
V3.21 : 12/21/95, add NEC uPD750016
V3.22 : 6/26/96, add NEC uPD75P3018GC/GK
V3.23 : 8/8/96, add NEC uPD75P3116GC
V3.24 : 12/12/96, add NEC uPD75P3036GC, uPD75P3036GK.
V3.25 : 4/1/97, add NEC uPD75P3016GK, uPD75P3216GT.
V3.27 6/16/'98 1) to add ICs such as NEC UPD75P0068CU (ADP-UP
UPD75P0068GB (ADP-UPD75P008QFP), & UPD77P56G
2) to modify NEC UPD75P3016's Jump indication.
V3.28 9/21/'98 1) the modifications ---
a. UPD75P116CW/GF's size
b. The UPD75P0068CU/GB type is changed to UPD75P068CU/GB.
2) to add new IC, NEC UPD75P0076CU (ADP-UPD75P008)
V3.29 11/05/'98 to add new IC, NEC UPD75P3116GK.=>(ADP-75P3116-TQ)
V3.30 11/26/'98 to add new IC, NEC UPD78P9014CT. (ADP-78P9014-SD)
V3.31 06/24/99 to add the NEC uPD75P0076GT

(ADP-uPD75P0076-S)
V3.32 07/01/99 to add the NEC uPD75P3018AGC device
(ADP-UPD75P3XXA-Q)
V3.33 09/09/99 1) to add the NEC UPD75P3018AGK device
(ADP-UPD75P3XXB-Q)
2) to rename UPD75P3018AGC to UPD75P3018AGC/AGK
3) to correct UPD75P3018GC/GK/AGC end address

A17P202.EXE

V3.00 : 10/14/93, first released version.
V3.01 : 3/11/94, add NEC 17P207.
V3.02 : 9/16/94, modify F1 key to operate with select function.
V3.03 : 12/23/94, modify screen display and programming algo.
V3.04 : 2/20/95, add NEC uPD17P149CT/GT.
V3.05 : 3/15/95, version update.
V3.06 : 4/19/95, add NEC uPD17P104CS/GS, uPD17P108CS/GS
uPD17P132CS/GT, uPD17P133ES/GT.
V3.07 : 7/2/96, modify programming algo. on uPD17P104CS/GS.
V3.08 : 7/16/96, modify programming algo. on NEC D17P108CS.

A71P301.EXE

V3.00 : 1/14/94, first released version.
V3.01 : 3/11/94, version update.
V3.02 : 9/16/94, modify F1 key to operate with select function.
V3.03 : 12/23/94, modify screen display.
V3.04 : 3/15/95, modify programming algo.
V3.05 : 07/07/95, modify screen display.

AMPU7.EXE

V3.00 : 02/20/98, add LG Semicon: GMS81504T. (ADP-GMS81504-SD)
V3.01 4/27/'98 Add LG SEMICON: GMS81508T, GMS81516T. (ADP-GMS81516-SD)
GMS81508T Q, GMS81516T Q. (ADP-GMS81516-Q)
GMS81508T TQ, GMS81516T TQ. (ADP-GMS81516-TQ)
GMS84512T, GMS84524T. (ADP-GMS84524-SD)
V3.02 9/15/'98 to modify:
1) The Verify Voltage of GMS81504T & GMS81508T at 5V & 2.7V.
2) GMS81516's Verify Voltage at 4.5V.
V3.03 01/20/99 to add the new IC, ART AR50P11.
(ADP-AR50P11-TQ)
V3.04 04/01/99 to modify PROGRAM ROM of ART AR50P11 from
16K (C000-FFFF) to 32K (8000-FFFF)
V3.05 08/05/99 to add the FUJITSU MB89P195/A device
(ADP-MB89P195-S)
V3.06 12/02/99 to add the devices such as:
LG GMS81524BT & GMS81516BT =>(ADP-GMS81516-TQ)

Software diskette ADP #7

PROGRAMMER SOFTWARE:

APSD301.EXE

V3.26 : 4/1/93, first released version.
V3.27 : 6/10/93, modify programming function and screen message.
V3.30 : 6/16/93, modify programming algo. on PSD301 and PSD311.
V3.31 : 7/22/93, add '/BW' function.
V3.32 : 9/13/93, modify programming algo.
V3.33 : 3/11/94, add PHILIPS PSD301/311/302/312/303/313.
WSI: PSD301L/311L/302L/312L/303L/313L.
V3.34 : 9/15/94, modify F1 key to operate with load file function.
modify programming algo. on PSD302/312/303/313.
modify safe file function.
V3.35 : 12/23/94, modify screen display and programming algo.
V3.36 : 3/15/95, modify programming algo.
V3.37 : 5/26/95, modify programming algo.
V3.40 : 7/3/96, modify programming algo. on WSI PSD3x1.
add PSD301V/311V, PSD302V/312V, PSD303V/313V.
V3.41 9/25/97, Add WSI: PSD211R, ZPSD211R, ZPSD211RV.
Modify the programming algo.
Add security function.
V3.42 : 03/19/98, add WSI: PSD304, PSD314.
V3.43 05/27/99 to add the ADP-PSD301-Q44 & ADP-PSD301-Q44A
for WSI PSD3XX series

APSD601.EXE

V3.00 9/25/97, First released version.
Add WSI: PSD/601E1/611E1, PSD602E1/612E1,
PSD603E1/613E1, ZPSD601E1/611E1, ZPSD602E1/612E1,
ZPSD603E1/613E1, PSD701S1/711S1, PSD702S1/712S1,
PSD703S1/713S1, ZPSD701S1/711S1, ZPSD702S1/712S1,
ZPSD703S1/713S1.

APGMZ8.EXE

V3.01 : 7/7/97, first released version.
Add ZILOG: Z86E30 187X and Z86E31 187X
V3.02 07/01/99 to add the ZILOG Z8E001 device
(ADP-Z8E001)

APSD401.EXE

V3.00 : 2/1/94, first version.
V3.01 : 3/24/94, modify programming voltage and wave.
V3.02 : 9/15/94, modify F1 key to operate with load file function.
V3.03 : 12/23/94, modify screen display and programming algo.
V3.04 : 1/25/95, modify Z, D, 7 functions.
V3.05 : 3/15/95, modify programming algo.
V3.06 : 5/26/95, modify programming algo.
V3.11 : 7/3/96, modify programming algo.
V3.12 12/17/99 to modify the ZPLD programming process for
for new die devices

ATMP9.EXE

V3.08 : 4/1/93, first released version.
V3.09 : 6/29/93, modify programming algo. and screen display.
V3.10 : 9/14/93, version update, modify HEX code and programming algo.

V3.13 : 3/11/94, version update.
V3.14 : 9/16/94, modify F1 key to operate with select function.
V3.15 : 12/23/94, modify screen display.
V3.16 : 3/15/95, version update.
 add 47P403VN/VM, 47P241VN/VM.
V3.17 : 7/13/95, add TOSHIBA TMP47P400VN.
V3.18 : 7/24/95, modify programming algo. on 47P400VN.
V3.20 : 3/27/96, add TOSHIBA TMP87P844N.
V3.21 : 7/12/96, add TOSHIBA TMP47P462VN
 modify programming algo. on TMP87P844N
V3.22 : 8/31/96, add TMP87PH46N, TMP47P443VN
V3.23 : 9/04/96, modify the programming algo.
V3.24 : 10/24/96, add TOSHIBA TMP47P400VF(QFP), TMP47P422VN
V3.25 : 12/17/96, modify the programming algo.
V3.26 : 4/3/97, add TOSHIBA TMP47P422VF.
V3.27 7/7/97, Add TOSHIBA: TMP47P857VF.
V3.28 : 11/5/97, improve the screen display.
V3.30 9/15/'98 to add new IC, TOSHIBA TMP87PH47U. (ADP-TMP87PH47-Q)
V3.32 01/21/99 to add the new IC, TOSHIBA TMP87PP21DF.
 (ADP-TMP87PS68-TQ)
V3.33 04/08/99 to add the devices such as:
 TOSHIBA TMP87PM41U (ADP-TMP87PM41-TQ) &
 TMP87PM53F (ADP-TMP87PM53-Q)
V3.34 06/17/99 to add the devices such as:
 TOSHIBA TMP87PM40AN, TMP87PH40AN, &
 TMP87PH00N =>(ADP-TMP87PH40-SD)
V3.35 07/01/99 to add Security for the devices:
 TOSHIBA TMP87PM41U & TMP87PM53F
V3.36 10/21/99 to modify the security address for
 TMP87PH46N & TMP87PH47U

ATMP47.EXE

V3.00 : 6/28/95, first released version.
 supports TOSHIBA TMP47P202VP, TMP47P201VP.
V3.01 04/01/99 to add the device, TOSHIBA TMP87P808M.
 (ADP-TMP87P808-S)
V3.02 04/08/99 to modify the security address for
 TOSHIBA TMP87P808M
V3.03 06/25/99 1) to modify the program loop for TMP87P808M
 2) to add the TOSHIBA TMP87P809M
 (ADP-TMP87P808-S)
V3.04 07/08/99 to add the TOSHIBA TMP87P808LN device
 (ADP-TMP87P808-SD)

AST62.EXE

V3.00 : 6/15/95, first released version.
 supports SGS-THOMSON ST62T/E25, ST62T/E25,
 ST62T/E65B.
V3.01 : 1/4/96, modify programming algo. against SGS-THOMSON
V3.02 13/01/98 Add SGS-THOMSON: ST62T40, ST62F40.

Modify the protect function on SGS-THOMSON:ST62T15,
ST62E15 ST62E/T15.

V3.04 9/15/'98 to add new ICs, SGS-THOMSON ST62T55B, ST62E55B, ST62T15C, &
ST62E15C => (ADP-ST62X5)

V3.05 11/05/'98 the modifications as follows:

1) to modify oscin driver pin and correct the screen for

ST62T55B

V3.06 03/11/99 2) to fill "00" in reserved area for ST62T15C
to add the new ICs such as:
SGS-THOMSON ST62E35B, ST62T35B, ST62E45B,
& ST62T45B =>(ADP-ST62T32-Q)

V3.07 05/27/99 to add the devices such as:
SGS-THOMSON ST62T/E28C & ST62T/E55C
=>(ADP-ST62X5/-S)
ST62T/E42B (ADP-ST62T42-Q)

V3.08 06/24/99 to add the SGS-THOMSON ST62T/E65C
(ADP-ST62X5/-S)

ACOP8X.EXE

V3.01 : 10/1/96, first release version.
add NATIONAL COP87L80, COP87L88

V3.02 : 4/3/97, add NS COP87L80-PLCC44, COP87L88V-PLCC44
COP87L88GW-PLCC68.

V3.03 04/22/99 to add the ID code & security check function

V3.04 06/17/99 to add the NATIONAL COP87L88RBV (PLCC44)
(CNV-PL44-COPL8RB)

ACOP8SA.EXE

V3.01 : 4/3/97, first released version
add NS COP8SAA716, COP8SA740
COP8SAC744V, COP8SA744VEJ

V3.02 8/19/'98 to add new ICs such as:
NATIONAL COP8SAA716 SOP16.=>(ADP-COP8SA-S16)
COP8SGE740 & COP8SGR740.=>(ADP-COP8SAX-D40)
COP8SGE744V & COP8SGR744V.=>(ADP-COP8SAX-PL44)
COP8SGE744VEJ & COP8SGR744VEJ.=>(ADP-COP8SAX-Q44)

ATMS320.EXE

V3.13 : 4/1/93, first released version.

V3.14 : 6/29/93, modify programming algo.

V3.15 : 9/14/93, version update.

V3.16 : 3/11/94, version update.

V3.17 : 9/16/94, modify F1 key to operate with select function.
change file name from ATMS320E.EXE to ATMS320.EXE.

V3.18 : 12/23/94, modify screen display.

V3.19 : 3/15/95, modify programming algo.

V3.20 : 1/4/96, add TI TMS320P15, TMS320P17, TMS320P14, TMS320P25

AZ86E6X.EXE

V3.02 9/16/'98 the new file to support ZILOG Z86E61 & Z86E63.=> (ADP-
Z86E6X/-PL)

COP87LX.EXE

V3.03 04/22/99 to add the ID code & security check function

Software diskette ADP #8

PROGRAMMER SOFTWARE:

AMACH.EXE

V3.22 : 4/1/93, first released version.
V3.23 : 6/29/93, modify screen display.
V3.24 : 9/14/93, add AMD MACH210A.
V3.25 : 3/11/94, version update.
3/16/94, add AMD MACHLV210A.
V3.26 : 6/21/94. add AMD MACH210AQ.
V3.27 : 8/17/94, modify programming algo on MACH 210/215.
V3.28 : 9/16/94, modify F1, Home, End keys to operate with load
function.
add AMD MACH111.
V3.29 : 12/23/94, modify screen display.
V3.30 : 3/15/95, modify programming algo.
V3.31 : 1/11/96, add MACH211
modify programming algo. on MACH111
V3.32 : 3/27/96, add AMD MACH211SP.
V3.33 : 9/17/97, Add AMD MACH111SP.
V3.34 : 02/04/98, modify the programming algo.
V3.35 7/14/'98 to add new ICs such as:
AMD M4-64/32, M4LV-64/32, M4-32/32, M4LV-32/32.
V3.36 9/16/'98 not to do the check for MACH series ID code from the 29th
bit till the 32nd bit.
V3.37 03/18/99 to modify load file
V3.38 05/06/99 to add the devices such as:
AMD/VANTIS M4A3-32/32 & M4A5-32/32
=>(PLCC44) (ADP-MACH)
AMD/VANTIS M4A3-32/32 & M4A5-32/32
=>(QFP44) (ADP-MACH-TQ)
V3.39 08/19/99 to add the devices such as:
LATTICE M4A3-32/32, M4A5-32/32,
VANTIS M4A3-32/32, & M4A5-32/32
=>(QFP48) (ADP-MACH-TQ48)
V3.40 04/27/00 to modify ID code for
AMD/VANTIS/LATTICE M4A-32/32

AMACH1.EXE

V3.04 : 04/01/93, first released version.
V3.05 : 6/29/93, modify screen display.
V3.06 : 9/14/93, add AMD MACH435.
V3.07 : 3/11/94, version update.
V3.08 : 7/18/94, add AMD MACH445.
V3.09 : 9/16/94, modify F1, Home, End keys to operate with load
function.
V3.10 : 12/23/94, modify screen display.
V3.11 : 3/15/95, add AMD MACH131.
V3.13 : 5/16/95, add AMD MACH231.
V3.14 : 7/28/95, add AMD MACH355, MACH355Q.
V3.15 : 11/17/95, add AMD MACH465-Q.
V3.16 : 12/7/95, add AMD MACH221
V3.17 : 12/29/95, modify load function.
V3.18 : 5/7/96, add AMD MACH231SP, MACH231/1
V3.19 : 12/13/96, add MACH466, MACHLV466, MACH131SP, MACH131/1
V3.20 : 7/8/97, Add AMD: MACH436, MACHLV436, MACH446

MACHLV446, MACH221SP, MACH221/1

Modify programming algo. on MACH466 and MACHLV466

V3.21 10/23/'98 to add new ICs such as:

AMD M4-128/64-VC, M4-96/48-VC, M4LV-96/48-VC, MACH131SP-VC,
MACH221SP-VC, & MACH231SP-VC.=>(ADP-MACH231SP-TQ)
M4-128/64-YC & M4LV-128/64-YC.=>(ADP-MACH445)
M4-128N/64-JC & M4LV-128N/64-JC.=>(ADP-MACH435)
M4-192/96-VC & M4LV-192/96-VC.=>(ADP-M4/192-TQ144)
M4-256/128-YC & M4LV-256/128-YC.=>(ADP-MACH465-Q)

AMACH5.EXE

V3.01 : 12/18/96, first released version

add AMD MACH5 series:

MACH5-128/68, MACH5-128/102, MACH5-128/120,
MACH5-192/68, MACH5-192/102, MACH5-192/120,
MACH5-192/160, MACH5-256/68, MACH5-256/102,
MACH5-256/120, MACH5-256/160, MACH5-512/120,
MACH5-512/160, MACH5LV-512/120, MACH5LV-512/160.

V3.02 : 5/8/97,

add AMD MACH5-512/184, MACH5LV-512/184,
MACH5-320/120, MACH5-320/160, MACH5-320/184,
MACH5LV-320/120, MACH5LV-320/160
MACH5LV-320/184, MACH5LV-384/120
MACH5-384/160, MACH5-384/184, MACHLV-384/120
MACH5LV-384/160, MACH5LV-384/184.

V3.03 6/16/'98 to add new ICs such as AMD MACH5-320/192, MACH5-384/192,
MACH5-512/192,

MACH5LV-320/192, MACH5LV-384/192, & MACH5LV-512/192. (ADP-

MACH5-BG256)

MACH5-512/256 & MACH5LV-512/256 (ADP-MACH5-BG352)
MACH5LV-256/104 (ADP-MACH5-Q144)
MACH5LV-256/120 (ADP-MACH5-Q160)
MACH5LV-256/160 (ADP-MACH5-Q208)

V3.04 9/16/'98 to add new ICs such as:

AMD/VANTIS MACH5LV-128/104 (ADP-MACH5-Q144/TQ144)

MACH5LV-128/120 (ADP-MACH5-Q160)

MACH5LV-128/68 & MACH5LV-256/68.=> (ADP-MACH5-

Q100/TQ100)

MACH5LV-128/74 & MACH5LV-256/74.=> (ADP-MACH5-TQ100)

AMACH5-2.BI

V3.00 6/17/'98 the driver for AMD MACH5 PLD series.

AMACH5-3.BI

V3.00 6/17/'98 the driver for AMD MACH5 PLD series.

AMACH5-1.BI

V3.00 6/17/'98 the driver for AMD MACH5 PLD series.

AXC7236.EXE

V3.00 : 2/17/94, first version.

V3.02 : 7/22/94, add XC7354, XC7272, XC7272A (68-pin),
XC7272, XC7272A (84-pin).

modify Home, End, F1 functions and programming algo.

V3.03 : 8/24/94, add XC7354 (44-pin), XC7336, XC7318.

V3.04 : 9/16/94, modify load file function with F1, Home, End keys.

V3.05 : 12/27/94, modify screen display and programming algo.

modify programming algo on 73 series.

add XC7372-PL68.

V3.06 : 3/16/95, modify programming algo.

V3.07 : 7/10/95, modify programming algo on XC7336, XC7318.

V3.08 : 10/23/95, add XC7336A, XC7318A, XC7336Q.

modify load and save functions.

V3.09 : 5/24/96, modify programming algo.

V3.10 : 12/9/96, add ID code on XC7336, XC7318(0Eh,00h)
add XC7336-QFP44
V3.11 10/07/99 to modify the programming progress of
XC7354

AXC7308.EXE

V3.00 : 10/12/94, the first released version.
supports XILINX XC73108, XC73108A.
V3.01 : 11/3/94, add XC7372.
V3.02 : 12/27/94, modify screen display and programming algo.
modify programming algo on 73 series.
V3.03 : 3/16/95, modify programming algo.
V3.04 : 9/21/95, add XC73108 (144pin PGA).
V3.05 : 5/24/96, add XC73108 (160 pin QFP),
modify the programming voltage.
V3.06 : 2/21/97, add XILINX XC73108-QFP100, XC7372-QFP100

AXC9500.EXE

V3.01 : 12/13/96, first release version.
add XILINX XC9536-PLCC44, XC9536-QFP
XC95108-PLCC84, XC95108-QFP100.
V3.02 : 2/24/97, add XC95108F, XC9536F, XC9572
modify the programming Spec.
V3.03 7/18/97, Modify the programming algo.
V3.06 11/05/'98 to add new ICs such as XILINX XC95216
(PQFP160)=>ADP-XC95216-Q160
XC95144 (PQFP160)=>ADP-XC73108-
Q160
XC95144 (PQFP100)=>ADP-XC73108-
Q100
XC95144 (TQFP100)=>ADP-XC95108-
TQ
V3.07 11/26/'98 to add new ID code and modify the Program & Erase
voltages for XC9572, XC95216, & XC95108.
V3.08 01/21/99 to modify the program voltage for XC95216.
V3.09 10/07/99 to add an ID code check for XILINX XC9536

AXC95XL.EXE

V3.00 02/17/00 to add the devices such as:
XILINX XC9536XL (PLCC44) (ADP-XC7354-PL44)
XC9572XL (PLCC44) (ADP-XC9572-PL44)
XC9572XL (VQFP64) (ADP-XC9572XL-VQ)
XC9572XL (TQFP100) (ADP-XC9572-TQ)
XC95144XL (TQFP100) (ADP-XC95108-TQ)
XC95144XL (TQFP144) (ADP-XC95144-XL-TQ)
XC95288XL (TQFP144) (ADP-XC95144XL-TQ)
XC95288XL (PQFP208) (ADP-XC95288-Q208)

A1500.EXE

V3.00 : 9/19/95, first released version.
supports ATMEL ATF1500/L.
V3.01 : 9/27/95, modify programming algo.
V3.02 : 8/30/96, modify the programming algo.
V3.03 : 4/3/97, modify security function.
V3.04 : 7/7/97, Add ATMEL: ATF1500A.
V3.05 : 11/19/97, add ATMEL: ATF1508Q160, ATF1508J68, ATF1508J84,
ATF1508Q100 and ATF1508V100.
cancel the "Security" function on ATMEL ATF1500.

V3.05 6/16/'98 to add new ICs such as XILINS XC95288 (QFP208) (ADP-XC95288-Q208),
XC9572/F (PQFP100) (ADP-XC9572-PQ), XC9572/F (TQFP100) (ADP-XC9572-TQ).

V3.07 6/30/'98 add new IC such as ATMEL ATF1504Q100 and ATF1504AC100. (ADP-ATF-1508-Q100)

V3.06 16/06/'98 Add new devices for ATMEL: ATF1504J44 (ADP-ATF1504-PL44)
ATF1504J68 (ADP-ATF1508-PL68)
ATF1504J84 (ADP-ATF1508-PL84)

V3.08 04/29/99 1) to rename the following devices:

ATMEL ATF1504J44 -> ATF1504AS-J44
ATF1504Q44 -> ATF1504AS-Q44
ATF1504J68 -> ATF1504AS-J68
ATF1504J84 -> ATF1504AS-J84
ATF1504Q100 -> ATF1504AS-Q100
ATF1504AC100 -> ATF1504AS-T100

2) to add the following devices:

ATF1504ASV-J44 (ADP-ATF1504-PL44)
ATF1504ASV-Q44 (ADP-ATF1504-Q44)
ATF1504ASV-J68 (ADP-ATF1508-PL68)
ATF1504ASV-J84 (ADP-ATF1508-PL84)
ATF1504ASV-Q100 (ADP-ATF1508-Q100)
ATF1504ASV-T100 (ADP-ATF1508-V100)

V3.09 09/02/99 1) to modify the program function for ATF1504/08

2) Rename:

ATF1508J68 -> ATF1508AS-J68
ATF1508J84 -> ATF1508AS-J84
ATF1508Q100 -> ATF1508AS-Q100
ATF1508AC100 -> ATF1508AS-AC100
ATF1508Q160 -> ATF1508AS-Q160

V3.10 04/20/00 to add the devices such as:

ATMEL ATF1502AS-J44, ATF1502ASL-J44, ATF1502ASV-J44, &
ATF1502ASVL-J44 =>(ADP-ATF1504-PL44)
ATF1502AS-Q44, ATF1502ASL-Q44, ATF1502ASV-Q44, &
ATF1502ASVL-Q44 =>(ADP-ATF1504-Q44)

V3.11 09/21/00 to add the devices such as:

ATMEL ATF1508ASV-AC100 (ADP-ATF1508-V100),
ATF1508ASV-J68 (ADP-ATF1508-PL68),
ATF1508ASV-J84 (ADP-ATF1508-PL84),
ATF1508ASV-Q100 (ADP-ATF1508-Q100),
& ATF1508ASV-Q160 (ADP-ATF1508-Q160)

ATV5000.EXE

V3.11 : 4/1/93, first released version.

V3.12 : 6/29/93, modify programming algo.

V3.13 : 9/14/94, add ATMEL ATV5000/L, ATV5100/L, ATH3000/L.

V3.14 : 3/11/94, version update.

V3.15 : 9/16/94, modify F1, Home, End keys to operate with load function.

V3.16 : 12/23/94, modify screen display.

V3.17 : 3/15/95, version update.

WAMACH5.EX

V1.00 6/17/'98 to add new ICs such as AMD MACH5-128/104, MACH5-192/104, MACH5-256/104 (ADP-MACH5-Q144) (AL
MACH5-128/120, MACH5-192/120, MACH5-256/120, MACH5-320/120, MACH5-384/120

MACH5-512/120, MACH5LV-256/120, MACH5LV-320/120, MACH5LV-384/120, MACH5LV-512/120. (ADP-MACH5-Q160

MACH5-128/68, MACH5-192/68, MACH5-256/68. (ADP-MACH5-Q100/TQ100)

MACH5-193-160, MACH5-256/160, MACH5-320/160, MACH5-384/160,

MACH5-512/160, MACH5LV-256/160, MACH5LV-320/160, MACH5LV-384/160, MACH5LV-512/160. (ADP-MACH5-Q208)

MACH5-320/184, MACH5-384/184, MACH5-512/184
MACH5LV-320/184, MACH5LV-384/184, MACH5LV-512/184. (ADP-MACH5-Q240)

MACH5-320/192, MACH5-384/192, MACH5-512/192,
MACH5LV-320/192, MACH5LV-384/192, MACH5LV-512/192. (ADP-MACH5-BG256)

MACH5-512/256, MACH5LV-512/256. (ADP-MACH5-BG352)

Software diskette ADP #9

PROGRAMMER SOFTWARE:

APLSI.EXE

V3.00 : 11/8/96, first released version
add pLSI1016, ispLSI1016, pLSI1016E, ispLSI1016E,
pLSI2032, ispLSI2032, pLSI1024, ispLSI1024,
pLSI1032, ispLSI1032, pLSI2064, ispLSI2064,
pLSI1032E, ispLSI1032E.
V3.01 : 11/18/96, modify programming algo. on isp/pLSI1016E
V3.02 : 12/17/96, modify the programming algo.
V3.03 : 1/21/97, modify the programming algo.
V3.04 : 3/5/97, modify the display function.
V3.05 : 4/3/97, modify the programming algo.

APLSI1.EXE

V3.00 : 11/15/93, first released version.
V3.01 : 3/10/94, modify programming algo. & version update.
V3.02 : 9/16/94, version update.
V3.03 : 12/29/94, modify screen display and programming algo.
V3.04 : 3/15/95, version update.
V3.05 : 5/3/95, modify read function.

APLSI2.EXE

V3.00 : 12/15/93, first version.
V3.01 : 3/10/94, modify programming algo. & version update.
V3.02 : 9/16/94, version update.
V3.03 : 12/29/94, modify screen display and programming algo.
V3.04 : 3/15/95, version update.
V3.05 : 5/3/95, modify read function..

APLSI3.EXE

V3.00 : 1/14/94, first version.
V3.01 : 3/10/94, modify programming algo. & version update.
V3.02 : 9/16/94, version update.
V3.03 : 12/29/94, modify screen display and programming algo.
V3.04 : 3/15/95, version update.
V3.05 : 5/3/95, modify read function.
V3.06 : 10/1/96, add LATTICE pLSI1032, ispSI1032 (TQFP100)

AGDS.EXE

V3.00 : 5/16/95, first released version.
supports LATTICE isPGAL22V10, isPGDS18.

AMAPL.EXE

V3.20 : 4/1/93, first released version.
V3.21 : 7/20/93, add '/BW' function.
V3.22 : 9/14/93, modify JEDEC format.
V3.23 : 3/10/94, modify programming & version update.
V3.24 : 9/16/94, version update.
V3.25 : 12/29/94, modify screen display and programming algo.
V3.26 : 3/15/95, version update.

ANSD.EXE

V3.23 : 4/1/93, first released version.

V3.24 : 7/20/93, add '/BW' function.
V3.25 : 9/14/93, modify JEDEC format.
V3.26 : 3/10/94, modify programming & version update.
V3.27 : 9/16/94, version update.
V3.28 : 12/29/94, modify screen display and programming algo.
V3.29 : 3/15/95, version update.

A2552.EXE

V3.12 : 4/1/93, first released version.
V3.13 : 7/23/93, add '/BW' function.
V3.14 : 9/15/93, modify save function.
V3.15 : 3/11/93, version update.
V3.16 : 9/16/94, modify load file function with F1, Home, End keys.
V3.17 : 12/27/94, modify screen display and programming algo.
V3.18 : 3/16/95, modify programming algo.

A2852.EXE

V3.07 : 4/1/93, first released version.
V3.08 : 7/23/93, add '/BW' function.
V3.09 : 9/15/93, modify save function.
V3.10 : 3/11/93, version update.
V3.11 : 9/16/94, modify load file function with F1, Home, End keys.
V3.12 : 12/27/94, modify screen display and programming algo.
V3.13 : 3/16/95, modify programming algo.

APLS473.EXE

V3.11 : 4/1/93, first released version.
V3.12 : 7/23/93, add '/BW' function.
V3.13 : 9/15/93, modify save function.
V3.14 : 3/11/93, version update.
V3.15 : 9/16/94, modify load file function with F1, Home, End keys.
V3.16 : 12/27/94, modify screen display and programming algo.
V3.17 : 3/16/95, modify programming algo.

APLS100.EXE

V3.11 : 4/1/93, first released version.
V3.12 : 7/23/93, add '/BW' function and modify programming algo.
V3.13 : 9/15/93, modify save function.
V3.14 : 1/4/94, modify programming algo.
V3.15 : 9/16/94, modify load file function with F1, Home, End keys.
V3.16 : 12/27/94, modify screen display and programming algo.
V3.17 : 3/16/95, modify programming algo.

A48N22.EXE

V3.02 : 4/1/93, first released version.
V3.03 : 7/23/93, add '/BW' function.
V3.04 : 9/15/93, modify save function.
V3.05 : 3/11/93, version update.
V3.06 : 9/16/94, modify load file function with F1, Home, End keys.
V3.07 : 12/27/94, modify screen display and programming algo.
V3.08 : 3/16/95, modify programming algo.

ATIC.EXE

V3.21 : 4/1/93, first released version.
V3.22 : 6/29/93, modify programming algo.
V3.23 : 9/12/93, version update.
V3.25 : 3/11/94, version update.
V3.26 : 9/16/94, modify F1, Home, End keys to operate with load

function.

V3.27 : 12/23/94, modify screen display.

V3.28 : 3/15/95, modify load file function.

Software diskette ADP #10

PROGRAMMER SOFTWARE:

A37032.EXE
V3.00 03/25/99 the new file adding the new ICs,
CYPRESS CY37032, CY37032V, CY37064, CY37064V,
CY37128, CY37128V, CY37512, & CY37512V

A37032.EXE
V3.02 12/02/99 to add the devices such as:
CYPRESS CY37512 & CY37512V =>(CQFP208) (ADP-CY37256-
Q208)

A37192.EXE
V3.00 03/25/99 the new file adding the new ICs,
CYPRESS CY37192, CY37192V, CY37256, & CY37256V

A37192.EXE
V3.02 12/02/99 to add new devices:
CYPRESS CY37256 & CY37256V (CQFP160) (ADP-CY37XX-CQ160)

A7064.EXE
V3.01 : 11/10/97, add ALTERA EPM7064LC44/SLC44 (ADP-7064S-PL44).
EPM7064TC44/STC44 (ADP-7064S-TQ44).
V3.02 : 12/26/97, add ALTERA EPM7064LC68, EPM7064SLC68.
(ADP-7064S-PL68)
V3.03 4/8/'98 1. to add PGM Time Plus
2. to modify the initial program PIA
3. to change the model name
V3.04 6/16/'98 to add new ICs, ALTERA EPM7064LC84 & EPM7064SLC84 (ADP-
7064S-PL84).
V3.05 6/25/'98 modify EPM7064LC84 program address Table.
V3.06 8/7/'98 to add new ICs, ALTERA EPM7064STC100 (ADP-7064S-TQ100) &
EPM7064SQC100 (ADP-7064S-PQ100).
V3.07 9/29/'98 to add new IC, ALTERA EPM7032SLC44/TC44
V3.08 01/06/00 to add the ALTERA EPM7032AE
(ADP-EPM7032/-Q)
V3.09 01/20/00 to modify the EPM7032AE for 7032's POF
V3.10 02/24/00 to modify the Program Done bit function

A7064.EXE
V3.10 05/25/00 to add the devices such as:
ALTERA EPM3032ALC44, EPM3064ALC44, & EPM7064AELC44
=>(ADP-7064AE-PL44)

A70XE.EXE
V3.02 : 4/25/95, first released version
Supports ALTERA EPM7128E (84 pin).
V3.04 : 5/24/95, modify programming algo.
V3.05 : 7/10/95, add EPM7160ELC84.
V3.06 : 9/21/95, modify programming algo.
V3.07 : 11/28/95, add EPM7160E QC100IC
V3.09 : 5/24/96, add ALTERA EPM7160EQC160
modify programming algo. on EPM7160E
V3.10 : 11/3/97, add EPM7128SLC84 (ADP-EPM7128E-PL);
EPM7128SQC100 (ADP-EPM718E-QA).
V3.11 : 12/26/97, modify the programming algo.
V3.12 8/7/'98 to add new IC, ALTERA EPM7128STC100 (ADP-EPM7128E-TQ).
V3.13 03/11/99 to add the new IC,

ALTERA EPM7160SLC84 (ADP-EPM7160E-PL)
V3.14 04/15/99 to modify Load POF file algorithm

A7C37X.EXE

V3.01 : 12/23/94, 1st released version.
supports CYPRESS CY7C371, CY7C374.
V3.02 : 3/15/95, add CYPRESS CY7C373.
V3.03 : 6/7/95, add CYPRESS CY7C372.
V3.05 : 7/24/95, add CYPRESS CY7C375, 160 pin/PGA.
V3.06 : 10/16/95, add CYPRESS Cy7C375 160 pin/QFP.
V3.07 : 4/12/96, modify ID code function of CY7C371, CY7C372,
CY7C373, CY7C374, CY7C375.
V3.08 : 11/7/97, add CYPRESS: CY7C371I, CY7C372I, CY7C373I, CY7C374I,
CY7C375I and CY7C374 in PGA package.
V3.09 6/16/'98 1) to add new IC, CYPRESS CY7C374I PGA pkgs (ADP-7C374-PG)
2) quality improvement with CY7C371, CY7C374, & CY7C375 Spec.
for some part modified.

AMAX.EXE

V3.24 : 4/1/93, first released version.
V3.25 : 6/29/93, modify programming algo.
V3.26 : 7/7/93, add EPM5130.
V3.27 : 8/16/93, modify programming algo.
V3.28 : 9/14/93, version update.
V3.29 : 3/11/94, version update & modify programming algo.
V3.30 : 8/11/94, add ALTERA EPM5016, EPM5032,
CYPRESS CY7C346.
V3.31 : 9/16/94, version update.
modify load file function.
V3.32 : 12/8/94, modify programming algo. on EPM5192, CY7C341,
EPM5128, CY7C342.
V3.33 : 12/29/94, modify screen display and programming algo.
V3.34 : 3/15/95, add ALTERA EPM5130,
CYPRESS CY7C342.
V3.35 : 12/22/95, add ALTERA EPM5128A,
CYPRESS CY7C342B.
V3.36 : 10/9/96, add ALTERA EPM5192A
V3.37 : 1/3/97, modify the programming algo.
V3.38 : 7/23/97, Modify the programming algo. on ALTERA EPM5130 and
CYPRESS CY7C746.
V3.40 : 03/20/98, add ALTERA EPM5192 (new ID), EPM5130 (PLCC84 new ID).
CYPRESS: CY7C341B, CY7C346B.
V3.41 5/5/'98 to modify the address tab list for EPM5130A.

AMAX70.EXE

V3.01 : 4/1/93, first released version.
V3.02 : 6/29/93, modify programming algo.
V3.03 : 9/14/93, version update.
V3.04 : 12/2/93, add ALTERA EPM7032V.
V3.05 : 3/11/93, version update.
V3.06 : 5/10/94, modify ID code read function.
V3.07 : 9/16/94, version update.
modify load file function.
V3.08 : 12/29/94, modify screen display and programming algo.
V3.09 : 3/15/95, version update.
V3.10 : 5/3/95, add ALTERA EPM7032/7032V, EPM7064LC44.

A70X.EXE

- V3.02 : 5/24/96, version update.
supports ALTERA EPM7192E, EPM7256E series.
modify programming algo. on ALTERA EPM7192E
add EPM7192EQC160 and EPM7256EQC160.
- V3.03 : 11/25/96, add EPM726ERC208.
add programming algo. on EPM7192S
- V3.04 02/04/99 to modify the algorithm for EPM7256E

AEPS464.EXE

- V3.00 : 6/18/93, first released version.
- V3.01 : 6/29/93, modify programming algo.
- V3.02 : 9/14/93, version update.
- V3.03 : 11/2/93, modify programming algo. on ALTERA item.
- V3.04 : 3/11/93, version update.
- V3.05 : 9/16/94, version update.
modify load file function.
- V3.06 : 12/29/94, modify screen display and programming algo.
- V3.07 : 3/15/95, modify programming algo.

A70X.EXE

- V3.00 : 1/14/94, first version.
- V3.01 : 3/11/94, version update.
- V3.02 : 5/10/94, modify ID code read function.
- V3.03 : 6/23/94, add ALTERA EPM7064LC84.
- V3.04 : 7/7/94, add ALTERA EPM7096LC68, EPM7096LC68.
- V3.05 : 7/21/94, add ALTERA EPM7096LC84
- V3.06 : 7/25/94, add ALTERA EPM7128QC100,
modify programming algo. on ALTERA EPM7128LC84.
- V3.07 : 8/11/94, modify programming algo.
- V3.08 : 8/18/94, modify programming algo. on ALTERA EPM7064LC68.
- V3.09 : 9/16/94, version update.
modify load file function.
- V3.11 : 12/8/94, modify programming algo. on EPM7096QC100,
EPM7096LC84.
- V3.12 : 12/29/94, modify screen display and programming algo.
- V3.13 : 3/15/95, version update.
- V3.14 : 5/3/95, modify ID code on EPM7064.
- V3.15 : 5/16/95, add ALTERA EPM7064LC44.
- V3.16 : 12/13/96, add ALTERA EPM7064TC44-TQFP44.

A1810.EXE

- V3.27 : 4/1/93, first released version.
- V3.28 : 7/23/93, add '/BW' function and modify screen display.
- V3.29 : 9/15/93, modify save function.
- V3.30 : 1/4/94, modify programming algo.
- V3.31 : 3/11/94, modify programming algo.
- V3.32 : 9/16/94, modify load file function with F1, Home, End keys.
modify verifying voltage on ALTERA items and modify
programming algo.
- V3.33 : 12/27/94, modify screen display and programming algo.
- V3.34 : 3/16/95, modify programming algo.
- V3.35 : 11/25/96, add ID code & programming algo.

AIFX780.EXE

- V3.00 : 2/17/94, first version.
- V3.01 : 3/11/94, add N44FX740 & N68FX740 series.
- V3.02 : 9/16/94, modify load file function with F1, Home, End keys.
- V3.03 : 12/27/94, modify screen display and programming algo.
- V3.04 : 3/16/95, modify programming algo.
- V3.05 : 8/10/95, add INTEL KUFX780_132,
ALTERA EPX780QC132.
- V3.06 : 9/06/96, add ALTERA EPX880-PLCC84/-QFP132.

APZ5032.EXE

- V3.03 18/06/'1998 Add new device for PHILIPS: PZ3032 (TQFP44)
 - PZ3064 (PLCC68)
 - PZ3064 (PQFP100)
 - PZ3064 (PQFP44)
 - PZ3128 (PQFP100)
 - PZ3128 (TQFP100)
 - PZ5032 (TQFP44)
 - PZ5064 (PLCC68)
 - PZ5064 (PQFP100)
 - PZ5064 (TQFP44)
 - PZ5128 (LQFP128)
 - PZ5128C (PQFP100)
 - PZ5128 (TQFP100)

V3.04 8/7/'98 to add new ICs, PZ5032CS (ADP-PZ5000-PL44) & PZ3032CS (ADP-PZ5000-Q44).

V3.05 11/26/'98 to add new ICs, PHILIPS PZ5032NS & PZ3032NS.=>(ADP-PZ5000-PL44/TQ44)

V3.06 02/04/99 to add the new ICs:
PHILIPS PZ5D64CS/NS & PZ5128CS/NS

- V3.00 : 12/18/96, first released version.
 - add PHILIPS PZ3032, PZ5032.
- V3.01 : 4/3/97, add PZ3064 and PZ5064.
 - modify the programming algo.
- V3.02 : 7/7/97, Modify the programming time on PZ3128/PZ5128.