

# P301

## Device Support List

Version 8.04

Please consult device specific information at the end of this list.



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# Device Support List for P301 Version 8.04

## **NOTE**

### **Device Notes**

Any device specific Information that is not contained in the user manual is mentioned at the end of this document. If you have any difficulty programming a device please make sure you read these notes before contacting Stag Technical Support for help.

### **Serial EEPROMS**

Please NOTE that operation of I<sup>2</sup>C type serial EEPROMs has changed. ALL I<sup>2</sup>C type serial EEPROMs must now be placed in the bottom pins of the socket. All other serial EEPROMs must still be placed one pin up from the bottom as indicated in the user manual.

## Device Support List for P301 Version 8.04

### AMD

Code	Device	Rev
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#### EPROM

09E0E0	AM2716	
09F0E0	AM2716B	
09E0E1	AM2732	
09F0E1	AM2732B	
09E0E2	AM2764-XX D	
09F0E2	AM2764A-XX D	
09F0F2	AM27C64-XX P,D,X	
09F0E3	AM27128A-XX D	
09F0F3	AM27C128-XX P,D,X	
09F0F4	AM27C256-XX P,D,X	
09F0C4	AM27H256-XX D	
09FFE4	AM28F256-XX D,P	
09F0F5	AM27C512(L)-XX D,P,X	
09FFE5	AM28F512-XX D,P	
09FF76	AM29F010-XX P	
09DF76	AM29F010B-XX P	8.03
09F0F6	AM27C010-XX P,D,X	
09F0C6	AM27H010-XX D,X,P	
09FFE6	AM28F010-XX D,P	
09EFE6	AM28F010A-XX D,P	
09FFF6	AM27C100-XX D,P	
09F0F7	AM27C020-XX D,P,X	
09FFE7	AM28F020-XX D,P	
09EFE7	AM28F020A-XX D,P	
09FF78	AM29F040-XX D,P	
09F0F8	AM27C040-XX D,X,P	
09F0F9	AM27C080-XX D,P	
09FFB6	AM27C191,291 D,P	
09FFB8	AM27C49-XX D,P	

### ATMEL

Code	Device	Rev
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#### EEPROM

0FF5A3	AT24C01A10P	8.0 * <sup>1</sup>
0FF5A4	AT24C02-10P	8.0 * <sup>1</sup>
0FF5A5	AT24C04-10P	8.0 * <sup>1</sup>
0FF5A6	AT24C08-10P	8.0 * <sup>1</sup>
0FF5A7	AT24C16-10P	8.0 * <sup>1</sup>
0FF5AA	AT24C128-10P	8.02
0FF5AB	AT24C256-10P	8.02
0FF5B3	AT25C01XX P	
0FF5B4	AT25C02XX P	
0FF5B5	AT25C04XX P	
0FEFCA	AT28C04(E,F)XX D,P	
0FFFC0	AT28C16(E,F)XX D,P	

0FEFC0	AT28C16XX D,P	
0FFFC2	AT28C17(E,F)XX D,P	
0FEFC2	AT28C17XX D,P	
0FEEC2	AT28C64(E,F)XX D,P	
0FEFC2	AT28C64XX D,P	
0FFEC2	AT28PC64(E)XX D,P	
0FFFC2	AT28C64BXX D,P	
0FEFC4	AT28C256(E)XX D,P	
0FFFC6	AT28C010-XX B	
0FF5C3	AT93C46-XXP	
0FF5C4	AT93C56-XXP	
0FF5C5	AT93C66-XXP	

#### EPROM

0FE0C2	AT27HC64(L)XX D,P	
0FE0F3	AT27C128XX D,P	
0FE0F4	AT27C256XX D,P	
0FF0F4	AT27C256RXX D,P	
0FE0C4	AT27HC256(L)XX D,P	
0FF0C4	AT27HC256R(L)XX D,P	
0FF0F5	AT27C512RXX D,P	
0FFF35	AT27LV512R-XX D,P	
0FE0F5	AT27C513XX D,P	
0FF0F5	AT27C513RXX D,P	
0FF0F6	AT27C010(L)XX D,J	
0FF0F7	AT27C020XX D,P	
0FF0F8	AT27C040XX	
0FF0F9	AT27C080XX D,P	
0FFFE4	AT29C257XX D,P	
0FFFE0	AT29C256XXD,P	
0FFFE5	AT29C512XX D,P	
0FFFE6	AT29C010XX D,P	8.04
0FFFE7	AT29C020XX D,P	8.04
0FFFE8	AT29C040XX D,P	
0FEFE8	AT29C040AXX D,P	8.04
0FFFA0	AT49F001(N)-XX P	8.02
0FFFA1	AT49F001(N)T-XX P	8.02
0FFF76	AT49F010-XX P	8.0 * <sup>1</sup>
0FFF77	AT49F020-XX P	8.0 * <sup>1</sup>
0FFF78	AT49F040-XX P	8.0 * <sup>1</sup>

### CATALYST

Code	Device	Rev
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#### EEPROM

0D75A4	CAT24C02(A)(I)	8.0 * <sup>1</sup>
0D75A5	CAT24C04(I)	8.0 * <sup>1</sup>
0D75A6	CAT24C08(I)	8.0 * <sup>1</sup>
0D7FC0	CAT28C16A (I)-XX D,P	
0D75A7	CAT24C16(I)	8.0 * <sup>1</sup>
0D75A8	CAT24C32(I)	8.0 * <sup>1</sup>
0D73A8	CAT24LC32(I)	8.0 * <sup>1</sup>

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0D7FC2 CAT28C64A-XX D,P  
 0D7FC4 CAT28C256(I)-XX D,P  
 0D75C3 CAT93C46 D  
 0D75C4 CAT93C56 D  
 0D75C5 CAT35C104 D  
 0D75C6 CAT35C108  
 0D75C7 CAT35C116 D

### EPROM

0D7FE6 CAT28F010XX P  
 0D7FE7 CAT28F020(I)XX P

### CYPRESS

Code	Device	Rev
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#### EPROM

02F0F4	CY27C256XX P,W	
02C0F6	CY27H010XX P,W	
02C0F5	CY27H512-XX P,W	5.0

### EXEL

Code	Device	Rev
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#### EEPROM

0075A3	XL24C01A P	8.0 * <sup>1</sup>
0075A4	XL24C02 P	8.0 * <sup>1</sup>
0075A5	XL24C04 P	8.0 * <sup>1</sup>
006EC0	XL2816A P	
006FC0	XL28C16A P	
007FC0	XL28C16B P	
0075A6	XL24C08 P	8.0 * <sup>1</sup>
0075A7	XL24C16 P	8.0 * <sup>1</sup>
006EC2	XL2864A P	
006FC2	XL28C64 P	
007FC2	XL28C64B P	
0075C1	XL93LC06A P	
0075F3	XL93CS46 P	
0075C3	XL93LC46A	
0075C4	XL93LC56A P	
0075C5	XL93LC66A P	
007FE6	XL28F010 P	
007FE7	XL28F020 P	

### FUJITSU

Code	Device	Rev
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#### EPROM

0AE0E2 MBM2764XX Z  
 0AE0F2 MBM27C64XXZ

0AE0E3 MBM27128XX Z  
 0AE0F3 MBM27C128XX Z  
 0AE0E4 MBM27256XX Z  
 0AE0F4 MBM27C256AXX Z  
 0AE0F5 MCM27C512XX Z  
 0AE0F6 MCM27C1001XX Z  
 0AFFE6 MBM28F010XX  
 0AEFF6 MBM27C1000XX Z  
 0AE0F8 MBM27C4001XX

### HITACHI

Code	Device	Rev
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#### EEPROM

0BEFC2	HN58064P	7.0
0BFFC2	HN58C65PXX	
0BFFC4	HN58C256PXX	

#### EPROM

0BE0E1	HN462732(G)-X	4.0
0BE0E2	HN482764(G)4	
0BE0F2	HN27C64(G)	
0BF0F4	HN27C256AGXX	
0BE0F4	HN27C256HGXX	
0BE0E5	HN27512 G,P XX	
0BE0F5	HN27C512GXX	
0BE0F6	HN27C101 G,PXX	
0BF0F6	HN27C101A G,PXX	
0BFFE6	HN28F101PXX	
0BFFF6	HN27C301(A)GXX	
0BF0F8	HN27C4001GXX	

### ICT

Code	Device	Rev
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#### EPROM

0960F4 27CX256CXX  
 0960F6 27CX010CXX

### INTEL

Code	Device	Rev
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#### EPROM

06E0E0 2716-XX  
 06E0E1 2732A-XX  
 06E0F2 D2764  
 06E0E2 2764A-XX  
 06E0E3 27128A  
 06E0E4 27256-XX

06F0F4	D27C256-XX
06F0E4	P27256-XX
06FFE4	P28F256A-XX
06E0E5	27512-XX
06F0F5	27C512-XX
06FEF5	27C513
06FFE5	P28F512-XX
06F0F6	27C010-XX
06FEF6	27C011
06FFA0	P28F001BX-BXXX
06FFA1	P28F001BX-TXXX
06FFE6	P28F010-XX
06FFF6	27C100-XX
06F0F7	27C020-XX
06FFE7	P28F020-XX
06F0F8	27C040-XX

### ISSI

Code	Device	Rev
<b>EEPROM</b>		
0045C3	IS93C46-3P	5.0
0045C4	IS93C56-3P	5.0
0045C5	IS93C66-3P	5.0
0043A4	IS24C02-3P	8.0 *1
0045A4	IS24C02-P	8.0 *1
0043A5	IS24C04-3P	8.0 *1
0045A5	IS24C04-P	8.0 *1

### EPROM

0040F6	IS27HC010-XX CW,W	
004FE7	IS28F020-XX W	5.0

### MACRONIX

Code	Device	Rev
<b>EPROM</b>		
0130F5	MX26C512PC-XX	7.0
0130F6	MX26C1000APC-XX	8.02
0030F4	MX27C256DC/PDXX	
0030F5	MX27C512DC/PC/MCXX	
0030F6	MX27C1000DC/PCXX	
003FF6	MX27C1001DC/PCXX	
0030F7	MX27C2000DC/PCXX	
0030F8	MX27C4000DC/PCXX	
003F34	MX27L256DC/PCXX	
003F35	MX27L512DC/PCXX	
003F38	MC27L4000DC/PCXX	
003FE6	MX28F1000PCXX	
013FE6	MX28F1000PPC-XX	8.02
003FE8	MX28F4000PCXX	

## MICROCHIP TECHNOLOGY

Code	Device	Rev
<b>EEPROM</b>		
0025A3	24C01A 85C72 /J,/P	8.0 *1
0025A4	24C02 85C82 /J,/P	8.0 *1
002FCA	28C04A(F)-XX(I) J,P	
0025A5	24C04 85C92 /J,/P	8.0 *1
0023A6	24C08B /J,/P	8.0 *1
002FC0	28C16A(F)-XX(I) J,P	
002FCC	28C17A(F)-XX(I) J,P	
0023A7	24LC16B /J,/P	8.0 *1
0025A8	24C32 /J,P	8.0 *1
0023A8	24LC32 /J,P	8.0 *1
002FC2	28C64A(F)-XX(I) J,P	
0025A9	24C65 /J,P	8.0 *1
0023A9	24LC65 J,P	8.0 *1
002FC4	28C256-XX(I) J,D,P	
0025C1	93C06 P	
0025C3	93C46 P	
0025C4	93C56 D	
0025C5	93C66 D	

### EPROM

0020F2	27C64XXX/K,P	
0020C2	27HC64XXX/J, P	
0020F3	27C128XXX/J,P	
0020F4	27C256XXX/J, P	
0020C4	27HC256(L)XXX/J, P	
0020F5	27C512XXX/J, P	

## MITSUBISHI

Code	Device	Rev
<b>EPROM</b>		
0DE0F4	M5M27C256AKI	
0DE0F5	M5M27C512AKI	
0DF0F6	M5M27C101KXX	
0DFFE6	M5M28F101PXX	
0DFFF6	M5M27C100KXX	
0DF0F7	M5M27C201KXX	
0DF0F8	M5M27C401KXX	

## MOTOROLA

Code	Device	Rev
<b>EPROM</b>		
07E0E8	2532	4.0

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### NATIONAL

Code	Device	Rev
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#### EEPROM

03F5A4	NM24C02N	8.0 * <sup>1</sup>
03F5A5	NM24C04N	8.0 * <sup>1</sup>
03F5A6	NM24C08N	8.0 * <sup>1</sup>
03F5A7	NM24C16N	8.0 * <sup>1</sup>
03F5C1	NMC93C06 N	
03F5F1	NMC93CS06 N	
03F5C2	NMC93C26 N	
03F5F2	NMC93CS26 N	
03F5C3	NMC93C46 N	
03F5F3	NMC93CS46 N	
03F5C4	NMC93C56 N	
03F5F4	NMC93CS56 N	
03F5C5	NMC93C66 N	
03F5F5	NMC93CS66 N	

#### EPROM

03E0E0	NMC27C16(E)XX	
03F0F0	NMC27C16B-XX	
03F0E0	NMC27C16H-XX	
03E0E1	NMC27C32(E)XX	
03E0F1	NMC27C32BQ(E)XX	
03F0E1	NMC27C32H(E)XX	
03F0F2	NM27C64XX	
03E0E2	NMC27C64Q(E)XX	
03F0F3	NM27C128XX	
03E0F3	NMC27C128BQ(E)XXX	
03E0F4	NMC27C256BQ(E)XXX	
03E0E4	NMC27C256Q(E)XXX	
03F0F5	NM27C512XX	
03E0F5	NMC27C512AQ(E)XXX	
03F0F6	NM27C010XX	
03E0F6	NMC27C010Q(E)XXX	
03F0F7	NM27C020Q(E)XXX	
03F0F8	NM27C040XX	

### NEC

Code	Device	Rev
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#### EEPROM

0CFEC2	uPD28C64 D	6.0
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#### EPROM

0CE0E4	UPD27256D	
0CE0F4	UPD27C256AD-XX	
0CE0F5	UPD27C512D-XX	

0CF0F6	UPD27C1001AD-XX	
0CEFF6	UPD27C1000D-XX	
0CF0F7	UPD27C2001D-XX	
0CF0F8	UPD27C4001DZ-XX	
0CF0F9	UPD27C8001DZ-XX	

### MICRO

7CF7E1	uPD78P018F GC	5.0
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### OKI

Code	Device	Rev
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#### EPROM

0050F6	MSM27C101/21/31	
0050F7	MSM27C201/21/31	
0050F8	MSM27C401/21/31	

### PHILIPS

Code	Device	Rev
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#### EEPROM

01F5A5	PCx8594x2P	8.0 * <sup>1</sup>
01F5A6	PCx8598x2P	8.0 * <sup>1</sup>

#### EPROM

01F0F2	27C64AXX FA,N	
01F0F4	27C256XX FA,N	
01F0F5	27C512XX FA,N	
01E0F6	27C010XX FA	
01F0F6	27C010XX N	

### RAMTRON

Code	Device	Rev
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#### EEPROM

0485A5	FM24C04 C,PS	8.0 * <sup>1</sup>
0485A6	FM24C08 C,PS	8.0 * <sup>1</sup>
0485A7	FM24C(Z)16 C,PS	8.0 * <sup>1</sup>

### SAMSUNG

Code	Device	Rev
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#### EEPROM

009FC0	KM28C16(I)XX P	
009FCC	KM28C17XX P	
009FC2	KM28C645XX P	
009FC4	KM28C256XX P	

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### SEEQ

Code	Device	Rev
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#### EEPROM

00FFC0	DQ2816A-XX	
00FFCC	2817A,5517A	
00FEC2	E/M2864(H)	
00FFC4	E/M28C256A	
00EFC4	E/M28C256	

### SGS-THOMSON

Code	Device	Rev
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#### EEPROM

08F5A4	ST24C02AB	8.0 *1
08F5A5	ST24C04B	8.0 *1
08F5A6	ST24C08B	8.0 *1
08F5A7	ST24C16 B	8.0 *1
08E5A7	ST24E16D B	8.0 *1
08E3A7	ST25E16D B	8.0 *1
08E5A8	ST24E32D B	8.0 *1
08E3A8	ST25E32D B	8.0 *1
08E5A9	ST24E64D B	8.0 *1
08E3A9	ST25E64D B	8.0 *1
08F5C1	ST93C06B	
08F5C3	ST93C46AB	
08F5F3	ST93CS46B	
08F5C4	ST93C56B	
08F5F4	ST93CS56B	

#### EPROM

08E0E0	M2716	
08E0E1	M2732A	
08E0E2	M2764A	
08E0F2	TS27C64A M27C64A F	
08E0E3	M27128A F	
08F0E3	M27C128A F	
08E0E4	M27256	
08F0F4	M27C256B	
08E0F4	TS27C256	
08FFE4	M28F256A-XX B	
08E0E5	M27512	
08F0F5	M27C512 M27V512 B,F	
08FFE5	M28F512-XX B	
08F0F6	M27C1001 M27V101 B,F	
08FFE6	M28F101-XX B	
08FFF6	M27C1000	
08F0F7	M27C2001 M27V201 B,F	
88FFE7	M28F201-XX N	
88FF78	M29F040-XX N,R	
08F0F8	M27C4001 M27V401 B,F	

08F0F9	M27C801-XXX F
88F0F9	M27C801-XXX N

### SEIKO-EPSON

Code	Device	Rev
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#### EPROM

0880E4	SPM27C256XX	5.0
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### TEXAS INSTRUMENTS

Code	Device	Rev
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#### EPROM

04E0E8	TMS2532 JL	4.0
04F0E8	TMS2532A JL	6.0
04F0F1	TMS27(P)C32XX J,N	
04E0E1	TMS2732AXX J	
04E0E2	TMS2764	
04F0F2	TMS27C(P)64XX J,N	
04F0F3	TMS27(P)C128XX J,N	
04F0F4	TMS27(P)C256XX J,N	
04F0F5	TMS27(P)C512XX J,N	
04FFE5	TMS28F512XX N	
04E0F6	TMS27(P)C010XX J	
04F0F6	TMS27C010AXX J	
04FFE6	TMS28F010XX N	
04F0F7	TMS27(P)C020XX J	
04F0F8	TMS27(P)C040XX J	

### TOSHIBA

Code	Device	Rev
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#### EPROM

0EE0F4	TMM27256D-XX	
0EF0F4	TC57H256DXX	
0EF0E4	TMM27256BDXX	
0EF0F5	TC57512ADXX	
0EF0E5	TMM27512ADXX	
0EF0F6	TC57(H)1000(A)DXX	
0EFFF6	TC58F010PXX	
0EFFF6	TC57(H)1001(A)DXX	
0EF0F8	TC574000DXX	

**WAFERSCALE**

0C9FC6 X28C010 D

Code	Device	Rev
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**EPROM**

0BC0F2	WS27C64F,57C64FXD	
0BD0F2	WS27C64LX D,T,P	
0BC0F3	WS27C128F,57C128FXD	
0BD0F3	WS27C128LX D,T,P	
0BC0F4	WS27C256F,57C256FXD	
0BD0F4	WS27C256LXX D,T,P	
0BC0F5	WS27C512F,57C512FXD	
0BD0F5	WS27C512L XX D	
0BD0F6	WS27C010LXX D,P	
0BDFB6	WS57C191/291CXXD,P	
0BDFB7	WS57C43CXX D,T,S	
0BDFB8	WS57C49CXX ,P,T	
0BDFB9	WS57C51CXX D,T	
0BDFBA	WS57C71CXX D,T	

**WINBOND**

Code	Device	Rev
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**EPROM**

0E80F4	W27E257-XX	
0E80F5	W27E512-XX	
0E80F6	W27E010-XX	6.0
0E8F76	W29C010-XX	8.02

**XICOR**

Code	Device	Rev
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**EEPROM**

0C85A0	X24C00	8.0 * <sup>1</sup>
0C85A3	X24C01(A) X24012	8.0 * <sup>1</sup>
0C95B3	X25010	
0C85A4	X24C02 X24022	8.0 * <sup>1</sup>
0C95B4	X25020	
0C8ECA	X2804A(I)-XX	
0C85A5	X24C04 X24042	8.0 * <sup>1</sup>
0C95B5	X25040	
0C85A6	X24C08	8.0 * <sup>1</sup>
0C9EC0	X2816B,C D,P	
0C85A7	X24C16 X24164	8.0 * <sup>1</sup>
0C8EC2	X2864A D,P	
0C9EC2	X2864B,H D,P	
0C9FC2	X28C64,641 D,P	
0C9EC4	X28256 D,P	
0C9FC4	X28C256	
0C9FC5	X28C512 D,P	



## Device Specific Information

\*<sup>1</sup> ALL I<sup>2</sup>C type serial EEPROMs must be placed in the bottom pins of the socket. All other serial EEPROMs must still be placed one pin up from the bottom as indicated in the user manual.

### EEPROMs with Software Data Protection.

The P301 will automatically unlock protected devices and re-program them. To lock EEPROMs using software data protection set SECURITY 0 to PROG in the SEQUENCE, SECURITY menu.

### MICROCHIP 24C32,65 & 24LC32,65

These devices contain 16 blocks which may be secured. Because the P301 has only eight security bits these are treated in pairs by the programmer. SECURITY 0 controls blocks 0 & 1, SECURITY 1 blocks 2 & 3 etc. Note that it is impossible to secure all blocks within the device. If all blocks are set to be secured block 15 will be left unsecured.

In this device one block can be programmed to be a high endurance block. The programmer requires the start address of the high endurance block to be placed into the programmer RAM immediately following the array data. e.g. for the 24C65 the high endurance address must be loaded at RAM addresses 2000h & 2001h, the high byte being in address 2000h.

### Serial EEPROMs in 8 pin DIPs.

These must be placed in the programmer socket one pin up from the bottom, i.e. pin 4 of the device goes in pin 15 of the ZIF socket.

### Serial EEPROMs with write protection.

The National and STM 93csxx series of EEPROMs has a write protection register into which can be programmed an address where write protection commences. The address to be programmed must be stored in the programmer RAM immediately following the array data. e.g. for the 93CS06 it must be stored at address 20h. The write protection register is cleared automatically during a program operation. To enable programming of the write protection register set SECURITY 0 to PROGRAM in the SEQUENCE, SECURITY menu.

An additional on time programmable bit is also provided. Programming of this bit prevents further alteration of the write protect register. To program this bit set SECURITY 1 to PROGRAM in the SEQUENCE, SECURITY menu.

### Serial EEPROMs with SPI interface

These devices have two block protect bits which may be programmed to select a range of addresses to be protected. To program BP0 set SECURITY 0 to PROGRAM in the SEQUENCE, SECURITY menu. To program BP1 set SECURITY 1 to PROGRAM.

Note the programmer will reset these bits to unprogrammed prior to programming the device.

### NEC uPD78P018F GC

This Device requires the adaptor 78P018GC available from NEC.