

SEM338A

256K – continued

Mftr.	Pins	Description	Vcc = 5V ±
28HC256	XCR 28	256K (32K 8) CMOS EEPROM – 150ns Access (with DP).....	10%
28HC256	XCR 28	256K (32K 8) CMOS EEPROM – 70ns Access (with DP).....	10%
58C256	HIT 28	256K (32K 8) CMOS EEPROM – 150ns Access.....	10%
58C256	HIT 28	256K (32K 8) CMOS EEPROM – 100ns Access.....	10%
58C256	HIT 28	256K (32K 8) CMOS EEPROM – 85ns Access.....	10%
58C256	HIT 28	256K (32K 8) CMOS EEPROM – 200ns Access.....	10%
24256	ST 8	256K (32K 8) Serial CMOS EEPROM (IND TEMP).....	10%

1Mb

28C010	XCR 32	1Mb (128K 8) CMOS EEPROM – 120ns Access.....	10%
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DP = Data Protection. Serial EEPROM Bus Types – 93C/59C

FOR DEVICE PROGRAMMER SEE PAGE «XXX»

Mftrs. List No.	Order Code	Price Each				
		1+	10+	100+	250+	500+
X28HC256P15	.701-191					
X28HC256P70	.563-912†					
HN58C256AFP10	SMD 788-119					
HN58C256AP10	796-360†					
HN58C256AP85	332-8934					
HN58C256P20	395-833					
M24256BN6	.111-284					

X28C010J32 **NEW** **SMD** 355-7261

† Available until stocks are exhausted

Serial EEPROM Designer's Kit

Supports 24C/24LC/24XX/59C/85C/93C/93LCXX Families



Supplied with a universal power supply. UK or International power supply optional. UK and European mains plug lead available separately.

Microchip's Serial EEPROM Designer's Kit includes everything necessary to quickly develop a robust and reliable Serial EEPROM based design and greatly reduce the time required for system integration and hardware/software debug.

The Total Endurance software model enables designers to quickly choose the best Serial EEPROM for the specific application and perform trade-off analysis with voltage, temperature, write cycle and other system parameters in order to achieve the desired erase/write endurance or product lifetime.

Microchip's SEEVAL (Serial EEPROM Evaluation and Programming System) will accept any Microchip Serial EEPROM in DIP package and enable the designer or system integrator to read, or erase any byte or the entire array.

Contents include :

- Microchip Total Endurance® software model
- Microchip Serial EEPROM sample pack
- Microchip SEEVAL® evaluation and programming board
- RS232 serial cable
- Microchip SEEVAL® software

Serial EEPROM Designer's Kit	Order Code	.790-965	each
Power Supply 9V, 500mA (UK 240Vac)	Order Code	110-899†	each

Power Supply 9V, 900mA (IEC 110- 240Vac)	Order Code	110-711	each
UK mains plug lead	Order Code	439-319	each
European mains plug lead	Order Code	210-699	each

PEROM – 5V/3.3V

A range of 3V and 5V only in-system Programmable and Erasable Read Only Memories (PEROM). Manufactured with Atmel's advanced non-volatile CMOS technology features include:-

- 3V and 5V only read and program operation
- 10 year data retention
- Software and hardware data protection
- Low power dissipation
- Sector program operation
- Fast program cycle time
- 1000 program cycles
- End of program detection

1Mb	Pins	Description	Vcc = 5V ±
29C010	32	1Mb (128K 8) CMOS PEROM, 5V only - 120ns Access (PLCC Package).....	10%
29C010	32	1Mb (128K 8) CMOS PEROM, 5V only - 120ns Access.....	10%
4Mb			
29C040	32	4Mb (512K 8) CMOS PEROM, 5V only - 120ns Access.....	10%
29LV040	40	4Mb (512K 8) CMOS PEROM, 3.3V only - 200ns Access (TSOP Package).....	3.3V

Mftrs. List No.	Order Code	Price Each		
		1+	5+	10+
AT29C010A12JC	SMD .786-720			
AT29C010A12PC	.786-731			
AT29C040A12PC	.786-743			
AT29LV040A20TC	SMD .786-779			

FLASH Memory - 5V/3.3V

These FLASH memory devices are designed to be programmed either in-system or on standard EPROM programmers. The 1Mb devices have a small 128 byte sector speeding up erase and write procedures as well as increasing device endurance. The 4Mb devices can be byte programmed and erased in 256 byte pages. The 3.3V version is ideal for battery powered applications. Typically 100,000 erase-program cycles. Available in DIL and PLCC packages.

1Mb	Pins	Description	Vcc = 5V ±
29EE010	32	1Mb (128K 8) FLASH, 5V only, CMOS memory - 120ns acc.....	10%
29EE010	32	1Mb (128K 8) FLASH, 5V only, CMOS memory - 120ns acc. (PLCC)	10%
4Mb			
28SF040	32	4Mb (512K 8) FLASH, 5V read or write, 3.3V read only, CMOS memory - 150ns acc.....	10%
28SF040	32	4Mb (512K 8) FLASH, 5V read or write, 3.3V read only, CMOS memory - 150ns acc. (PLCC).....	10%

Mftrs. List No.	Order Code	Price Each		
		1+	10+	100+
PH29EE010-1203CF	638-432			
NH29EE010-1203CF	SMD 638-444			
SST28SF040A-150-4CPH	638-468			
NH28SF040-1503CF	SMD 638-470			

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