SST

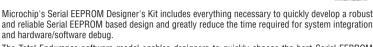
Semiconductors – Integrated Circuits

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									SEM338A
256K – continued		Vcc =		Order	Price Each		h		
Mftr. Pins Descri	ription	5V ±	Mftrs. List No.	Code	1+	10+	100+	250+	500+
28HC256 XCR 28 256K	(32K 8) CMOS EEPROM - 150ns Access (with DP)	10%	X28HC256P15	.701-191					
28HC256 XCR 28 256K	(32K 8) CMOS EEPROM – 70ns Access (with DP)	10%	X28HC256P70	.563-912†					
58C256 HIT 28 256K	(32K 8) CMOS EEPROM – 150ns Access	10%	HN58C256AFP10	SMD 788-119					
58C256 HIT 28 256K	(32K 8) CMOS EEPROM – 100ns Access	10%	HN58C256AP10	796-360†					
58C256 HIT 28 256K	(32K 8) CMOS EEPROM – 85ns Access	10%	HN58C256AP85	332-8934					
58C256 HIT 28 256K	(32K 8) CMOS EEPROM – 200ns Access	10%	HN58C256P20	395-833					
24256 ST 8 256K	(32K 8) Serial CMOS EEPROM (IND TEMP)	10%	M24256BN6	.111-284					
1Mb									
28C010 XCR 32 1Mb ((128K 8) CMOS EEPROM – 120ns Access	10%	X28C010J32	NEW SMD 355-7261					
DP = Data Protection. Seria	al EEPROM Bus Types – 93C/59C		† Available until stocks are exhausted						
FOR DEVICE PROGRAMMER									

Serial EEPROM Designer's Kit

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



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

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

PEROM – 5V/3.3V ATMEL

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 operationFast program cycle time
- 1000 program cyclesEnd of program detection

			Vcc =				Price Each		П
1Mb	Pins	Description	5V±	Mftrs. List No.	Order Code	1+	5+	10+	
29C010	32	1Mb (128K 8) CMOS PEROM, 5V only - 120ns Access (PLCC Package)	10%	AT29C010A12JC	SMD.786-720				П
29C010	32	1Mb (128K 8) CMOS PEROM, 5V only - 120ns Access	10%	AT29C010A12PC	.786-731				
4Mb									
29C040	32	4Mb (512K 8) CMOS PEROM, 5V only - 120ns Access	10%	AT29C040A12PC	.786-743				
29LV040	40	4Mb (512K 8) CMOS PEROM, 3.3V only - 200ns Access (TSOP Package)	3.3V	AT29LV040A20TC	SMD.786-779				П

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.

			Vcc =		Price Each		
1Mb	Pins	Description	5V±	Mftrs. List No. Order Code	1+	10+	100+
29EE010	32	1Mb (128K 8) FLASH, 5V only, CMOS memory - 120ns acc	10%	PH29EE010-1203CF 638-432			
29EE010	32	1Mb (128K 8) FLASH, 5V only, CMOS memory - 120ns acc. (PLCC)	10%	NH29EE010-1203CF SMD 638-444			
4Mb							
28SF040	32	4Mb (512K 8) FLASH, 5V read or write, 3.3V read only, CMOS memory -					
		150ns acc	10%	SST28SF040A-150-4CPH 638-468			
28SF040	32	4Mb (512K 8) FLASH, 5V read or write, 3.3V read only, CMOS memory -					
		150ns acc. (PLCC)	10%	NH28SF040-1503CF SMD 638-470			

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