

SERIAL EEPROM MEMORY ICS

SPI™ COMPATIBLE SERIAL EEPROMS (CONT.)

Mfg. Part No.	Packaging	Memory Size	Frequency	Supply Voltage	Stock No.	Price Each 1-249+
SPI, 32K x 8bit						
● 25AA256-I/SM	SOIJ-8	256Kbit	10MHz	1.8V-5.5V	56K7674	0.43
● 25LC256-I/SM	SOIJ-8	256Kbit	10MHz	2.5V-5.5V	56K7683	---
● 25AA256-I/ST	TSSOP-8	256Kbit	10MHz	1.8V-5.5V	92C7371	---
● 25LC256-I/ST	TSSOP-8	256Kbit	10MHz	2.5V-5.5V	92C7461	---
SPI, 4K x 8bit						
● 25LC320-I/P	DIP-8	32Kbit	2MHz	2.5V-5.5V	96K4096	---
● 25C320/P	DIP-8	32Kbit	3MHz	4.5V-5.5V	92C7418	---
● 25C320-I/P	DIP-8	32Kbit	3MHz	4.5V-5.5V	96K4090	---
● 25AA320-I/SN	SOIC-8	32Kbit	1MHz	1.8V-5.5V	92C7375	---
● 25LC320-I/SN	SOIC-8	32Kbit	2MHz	2.5V-5.5V	65K1130	---
● 25LC320/SN	SOIC-8	32Kbit	2MHz	2.5V-5.5V	96K4098	---
● 25C320/SN	SOIC-8	32Kbit	3MHz	4.5V-5.5V	59K0362	---
● 25C320-I/SN	SOIC-8	32Kbit	3MHz	4.5V-5.5V	92C7416	---
● 25LC320A-I/SN	SOIC-8	32Kbit	10MHz	2.5V-5.5V	31K5833	---
● 25LC320A-I/ST	TSSOP-8	32Kbit	10MHz	2.5V-5.5V	31K5834	---
SPI, 512K x 8bit						
● 25LC040-I/P	DIP-8	4Kbit	2MHz	2.5V-5.5V	92C7426	---
● 25C040-I/P	DIP-8	4Kbit	3MHz	4.5V-5.5V	89C9827	---
● 25C040/P	DIP-8	4Kbit	3MHz	4.5V-5.5V	96K4084	---
● 25AA040-I/SN	SOIC-8	4Kbit	1MHz	1.8V-5.5V	92C7335	---
● 25LC040/SN	SOIC-8	4Kbit	2MHz	2.5V-5.5V	89C9834	---
● 25LC040-I/SN	SOIC-8	4Kbit	2MHz	2.5V-5.5V	92C7427	---
● 25C040/SN	SOIC-8	4Kbit	3MHz	4.5V-5.5V	73K1419	---
● 25C040-I/SN	SOIC-8	4Kbit	3MHz	4.5V-5.5V	92C7386	---
● 25AA040A-I/SN	SOIC-8	4Kbit	10MHz	1.8V-5.5V	72J3636	---
● 25LC040A-I/ST	TSSOP-8	4Kbit	10MHz	2.5V-5.5V	72J3684	---
SPI, 512 x 8bit						
● 25LC040A-I/SN	SOIC-8	4Kbit	10MHz	2.5V-5.5V	72J3683	---
● 25LC040AT-I/OT	SOT-23-6	4Kbit	10MHz	2.5V-5.5V	72J3691	---
● 25LC040AT-E/OT	SOT-23-6	4Kbit	10MHz	2.5V-5.5V	84R4159	---
SPI, 64K x 8bit						
● 25A512-I/P	DIP-8	512Kbit	10MHz	1.7V-3V	55T4199	---
● 25AA512-I/P	DIP-8	512Kbit	20MHz	1.8V-5.5V	17M3492	---
● 25A512-I/SN	SOIC-8	512Kbit	10MHz	1.7V-3V	55T4200	---
● 25AA512-I/SN	SOIC-8	512Kbit	20MHz	1.8V-5.5V	17M3494	---
● 25LC512-I/SN	SOIC-8	512Kbit	20MHz	2.5V-5.5V	17M3530	---
● 25LC512T-I/SN	SOIC-8	512Kbit	20MHz	2.5V-5.5V	30P1219	1.45
● 25LC512-E/SN	SOIC-8	512Kbit	20MHz	2.5V-5.5V	17M3526	1.76
● 25AA512-I/SM	SOIJ-8	512Kbit	20MHz	1.8V-5.5V	17M3493	---
● 25LC512-I/SM	SOIJ-8	512Kbit	20MHz	2.5V-5.5V	17M3529	---
SPI, 8K x 8bit						
● 25AA640-I/P	DIP-8	64Kbit	1MHz	1.8V-5.5V	96K4083	---
● 25LC640-I/P	DIP-8	64Kbit	2MHz	2.5V-5.5V	72K7381	---
● 25AA640A-I/P	DIP-8	64Kbit	10MHz	1.8V-5.5V	27M1298	---
● 25AA640A-I/MS	MSOP-8	64Kbit	10MHz	1.8V-5.5V	27M1297	---
● 25LC640A-E/MS	MSOP-8	64Kbit	10MHz	2.5V-5.5V	27M1306	---
● 25LC640A-I/MS	MSOP-8	64Kbit	10MHz	2.5V-5.5V	27M1310	---
● 25AA640-I/SN	SOIC-8	64Kbit	1MHz	1.8V-5.5V	92C7379	---
● 25AA640T-I/SN	SOIC-8	64Kbit	1MHz	1.8V-5.5V	92C7381	---
● 25LC640-I/SN	SOIC-8	64Kbit	2MHz	2.5V-5.5V	33C2980	0.68
● 25LC640T-I/SN	SOIC-8	64Kbit	3MHz	2.5V-5.5V	92C7480	---
● 25LC640-E/SN	SOIC-8	64Kbit	3MHz	2.5V-5.5V	92C7477	---
● 25LC640T-I/SN	SOIC-8	64Kbit	3MHz	2.5V-5.5V	14M8289	0.68
● 25AA640A-I/SN	SOIC-8	64Kbit	10MHz	1.8V-5.5V	27M1299	---
● 25LC640A-I/SN	SOIC-8	64Kbit	10MHz	2.5V-5.5V	27M1312	---
● 25LC640X-I/ST	TSSOP-8	64Kbit	3MHz	2.5V-5.5V	62K0615	---
● 25AA640A-I/ST	TSSOP-8	64Kbit	10MHz	1.8V-5.5V	27M1300	---
● 25LC640A-I/ST	TSSOP-8	64Kbit	10MHz	2.5V-5.5V	27M1313	---

PIM_108737

SERIAL EEPROM ICS



Atmel

Atmel is a leading supplier of Serial EEPROM devices and has shipped over 12 billion devices in the past decade. With the ability to alter single bytes of data, very high write endurance, and very low power consumption, Serial EEPROM devices are widely used to store personal preference and configuration data in a wide spectrum of consumer, automotive, telecommunication, medical, industrial, and PC applications. Atmel offers Serial EEPROM devices in I2C, SPI, Single-Wire, and Microwire compatible protocols. The devices come in a number of industry-standard package types including space saving DFN, TSSOP, SOIC, PDIP, VFBGA, SOT23, and WLCSP packages. Atmel Serial EEPROM devices feature low pin count and are optimized for use in automotive and industrial temperature applications where low-power and low-voltage operation are essential.

AT93xxx - Microwire (3-wire) compatible Serial EEPROMs with flexible user selectable x8 or x16 memory organization with software write protection to secure data stability. Devices have ultra high write endurance capabilities allowing for greater than 1 million write cycles to each and every memory location to meet the needs of today's high write endurance applications.

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SERIAL EEPROM ICS (CONT.)

AT24xxx - (2-wire) compatible byte and page writable Serial EEPROMs designed to provide simple, yet flexible data storage for the industry's most popular microcontroller, microprocessor, and SoC solutions. Devices have ultra high write endurance capabilities allowing for greater than 1 million write cycles to each and every memory location to meet the needs of today's high write endurance applications.

AT25xxx - SPI-compatible byte and page writable Serial EEPROMs with advanced hardware and software write protection schemes with operating voltages as low as 1.7V. Devices have ultra high write endurance capabilities allowing for greater than 1 million write cycles to each and every memory location to meet the needs of today's high write endurance applications.

Mfg. Part No.	Packaging	Memory Size	Frequency	Supply Voltage	Stock No.	Price Each 1-249+
2 Wire, Serial, 1K x 8bit						
● AT24C08BY6-YH-T	DFN-8	8Kbit	1MHz	1.8V-5.5V	68T4084	---
● AT24C08B-TH-B	TSSOP-8	8Kbit	1MHz	1.8V-5.5V	68T4079	0.34
2 Wire, Serial, 256K x 8bit						
● AT34C02D-MAHM-T	UDFN-8	2Kbit	400kHz	1.7V-5.5V	68T4635	---
2 Wire, Serial, 512K x 8bit						
● AT24HC04BN-SH-B	SOIC-8	4Kbit	1MHz	1.8V-5.5V	68T4152	---
● AT24C04B-TH-B	TSSOP-8	4Kbit	1MHz	1.8V-5.5V	68T4072	---
● AT24C04B-TH-T	TSSOP-8	4Kbit	1MHz	1.8V-5.5V	68T4073	---
● AT24HC04B-TH-B	TSSOP-8	4Kbit	1MHz	1.8V-5.5V	68T4150	---
2 Wire, Serial, 8K x 8bit						
● AT24C64B-10TU-2.7	TSSOP-8	64Kbit	400kHz	2.7V-5.5V	68T4137	---
3 Wire, Serial, 128K x 8bit / 64K x 16bit						
● AT93C66DN-SH-B	SOIC-8	1Kbit	2MHz	1.8V-5.5V	68T5240	---
● AT93C64DY6-YH-T	UDFN-8	1Kbit	2MHz	1.8V-5.5V	68T5242	---
3 Wire, Serial, 256K x 8bit / 128K x 16bit						
● AT93C56A-10SU-1.8	SOIC-8	2Kbit	2MHz	1.8V-5.5V	68T5250	---
● AT93C56AW-10SU-2.7	SOIC-8	2Kbit	2MHz	2.7V-5.5V	68T5254	---
● AT93C56A-10TU-1.8	TSSOP-8	2Kbit	2MHz	1.8V-5.5V	68T5252	---
3 Wire, Serial, 2K x 8bit / 1K x 16bit						
● AT93C86A-10PU-2.7	DIP-8	16Kbit	2MHz	2.7V-5.5V	68T5266	---
3 Wire, Serial, 512 x 8bit / 256 x 16bit						
● AT93C66A-10SU-1.8	SOIC-8	4Kbit	2MHz	1.8V-5.5V	68T5258	---
● AT93C66AW-10SU-2.7	SOIC-8	4Kbit	2MHz	2.7V-5.5V	68T5263	---
● AT93C66A-10TU-1.8	TSSOP-8	4Kbit	2MHz	1.8V-5.5V	68T5260	---
● AT93C66A-10TU-2.7	TSSOP-8	4Kbit	2MHz	2.7V-5.5V	68T5261	---
3 Wire, Serial, 64 x 16bit						
● AT93C46E-TH-B	TSSOP-8	1Kbit	2MHz	1.8V-5.5V	68T5244	---
I2C, 16K x 8bit						
● AT24C128C-SSHM-B	SOIC-8	128Kbit	1MHz	1.7V-5.5V	68T4102	---
I2C, 1K x 8bit						
● AT24C08D-SSHM-B	SOIC-8	8Kbit	1MHz	1.7V-3.6V	92T0922	---
● AT24C08D-XHM-B	TSSOP-8	8Kbit	1MHz	1.7V-3.6V	92T0925	---
I2C, 2K x 8bit						
● AT24C16C-SSHM-B	SOIC-8	16Kbit	1MHz	1.7V-5.5V	68T4108	---
● AT24C16C-XHM-B	TSSOP-8	16Kbit	1MHz	1.7V-5.5V	68T4111	---
I2C, 32K x 8bit						
● AT24C256C-SSHL-T	SOIC-8	256Kbit	1MHz	1.7V-5.5V	68T4115	---
I2C, 512K x 8bit						
● AT24C04D-PUM	DIP-8	4Kbit	1MHz	1.7V-3.6V	92T0914	---
● AT24C04D-SSHM-B	SOIC-8	4Kbit	1MHz	1.7V-3.6V	92T0915	0.17
I2C, 64K x 8bit						
● AT24C512C-SSHM-B	SOIC-8	512Kbit	1MHz	1.7V-3.6V	68T4128	---
● AT24C512C-SHD-B	SOIC-8	512Kbit	1MHz	2.5V-5.5V	68T4124	---
● AT24C512C-SSHD-B	SOIC-8	512Kbit	1MHz	2.5V-5.5V	68T4126	---
● AT24C512C-XHM-B	TSSOP-8	512Kbit	400kHz	1.7V-3.6V	68T4133	---
I2C, 8K x 8bit						
● AT24C64D-XHM-T	TSSOP-8	64Kbit	1MHz	1.7V-5.5V	68T4143	---
Serial, 1K x 8bit						
● AT24C08B-PU	DIP-8	8Kbit	1MHz	1.8V-5.5V	68T4078	---
Serial, 4K x 8bit						
● AT24C32D-XHM-B	TSSOP-8	32Kbit	1MHz	1.7V-5.5V	68T4121	---
Serial, 512 x 8bit / 256 x 16bit						
● AT93C66B-MAHM-T	UDFN-8	4Kbit	2MHz	1.7V-5.5V	92T0997	---
Serial, 64 x 16bit						
● AT93C46EN-SH-T	SOIC-8	1Kbit	2MHz	1.8V-5.5V	68T5247	---
Serial, SPI, 128 x 8bit						
● AT25010B-SSHL-T	SOIC-8	1Kbit	20MHz	1.8V-5.5V	68T4209	---
Serial, SPI, 2K x 8bit						
● AT25160B-SSHL-B	SOIC-8	16Kbit	20MHz	1.8V-5.5V	68T4233	---
Serial, SPI, 4K x 8bit						
● AT25320B-XHL-B	TSSOP-8	32Kbit	20MHz	1.8V-5.5V	68T4245	---
Serial, SPI, 8K x 8bit						
● AT25640B-XHL-T	TSSOP-8	64Kbit	20MHz	1.8V-5.5V	68T4256	---
SPI, 16K x 8bit						
● AT25128B-XHL-B	TSSOP-8	128Kbit	20MHz	1.8V-5.5V	68T4230	---

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