

ATMEL Memory and Programmable Logic

RoHS Compliant This product is RoHS compliant.



Memory

Atmel

SERIAL FLASH

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Density	Page Size	I/O Pins	Interface Type	Vcc (V)	Price Each			
								1	10	25	100
DataFlash®											
556-AT45DB011D-SH-T	AT45DB011D-SH-T	SOIC-8	1MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	.86	.74	.67	.58
556-AT45DB011D-SSH-B	AT45DB011D-SSH-B	SOIC-8	1MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	.61	.596	.555	.519
556-AT45DB021D-SH-B	AT45DB021D-SH-B	SOIC-8	2MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	.76	.746	.694	.649
556-AT45DB041DSU	AT45DB041D-SU	SOIC-8	4MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	.92	.895	.833	.779
556-AT45DB041DSSU	AT45DB041D-SSU	SOIC-8	4MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	.92	.895	.833	.779
556-AT45DB041DSSU2.5	AT45DB041D-SSU-2.5	SOIC-8	4MB	264 Bytes	8	SPI, RapidS	2.5 - 3.6	1.00	.97	.902	.866
556-AT45DB041DSU2.5	AT45DB041D-SU-2.5	SOIC-8	4MB	264 Bytes	8	SPI, RapidS	2.5 - 3.6	1.00	.97	.902	.844
556-AT45DB081DSSU	AT45DB081D-SSU	SOIC-8	8MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	1.15	1.11	1.04	.974
556-AT45DB081DSU	AT45DB081D-SU	SOIC-8	8MB	264 Bytes	8	SPI, RapidS	2.7 - 3.6	1.15	1.11	1.07	1.00
556-AT45DB081DSSU2.5	AT45DB081D-SSU-2.5	SOIC-8	8MB	264 Bytes	8	SPI, RapidS	2.5 - 3.6	1.23	1.19	1.11	1.04
556-AT45DB081DSU2.5	AT45DB081D-SU-2.5	SOIC-8	8MB	264 Bytes	8	SPI, RapidS	2.5 - 3.6	1.23	1.19	1.11	1.04
556-AT45DB161DSU	AT45DB161D-SU	SOIC-8	16MB	528 Bytes	8	SPI	2.7 - 3.6	1.62	1.57	1.46	1.36
556-AT45DB161DSU2.5	AT45DB161D-SU-2.5	SOIC-8	16MB	528 Bytes	8	SPI	2.5 - 3.6	1.69	1.63	1.53	1.43
556-AT45DB321DTU	AT45DB321D-TU	TSOP-28	32MB	528 Bytes	28	SPI, RapidS	2.7 - 3.6	3.40	3.29	3.13	2.92
556-AT45DB321DSU	AT45DB321D-SU	SOIC-8	32MB	528 Bytes	8	SPI, RapidS	2.7 - 3.6	3.02	2.92	2.78	2.60
556-AT45DB321D-MWU	AT45DB321D-MWU	VDFN-8	32MB	528 Bytes	8	SPI, RapidS	2.7 - 3.6	3.40	3.29	3.13	2.92
556-AT45DB321D-MU	AT45DB321D-MU	VDFN-8	32MB	528 Bytes	8	SPI, RapidS	2.7 - 3.6	3.40	3.29	3.13	2.81
556-AT45DB642DTU	AT45DB642D-TU	TSOP-28	64MB	1056 Bytes	28	Serial, Rapid8	2.7 - 3.6	4.32	4.19	3.96	3.70
556-AT45DB642D-CNU	AT45DB642D-CNU	CASON-8	64MB	1056 Bytes	8	Serial, Rapid8	2.7 - 3.6	4.08	3.95	3.75	3.51
Block Erase											
556-AT25F512B-SSH-B	AT25F512B-SSH-B	SOIC-8	512KB	256 Bytes	2	SPI	2.7 - 3.6	.35	.34	.337	.33
556-AT25F041A-SH-B	AT25DF041A-SH-B	SOIC-8	4MB	256 Bytes	8	SPI	2.7 - 3.6	1.03	.99	.873	.747
556-AT25DF041A-SSH-B	AT25DF041A-SSH-B	SOIC-8	4MB	256 Bytes	8	SPI	2.7 - 3.6	1.03	.91	.873	.747
556-AT25DF081-SSH-N-B	AT25DF081-SSH-N-B	SOIC-8	8MB	256 Bytes	8	SPI	1.65 - 1.95	1.15	1.11	1.04	.974
556-AT25DF161-SH-B	AT25DF161-SH-B	SOIC-8	16MB	256 Bytes	2	SPI	2.7 - 3.6	1.94	1.76	1.56	1.49
556-AT25DF161-SSH-B	AT25DF161-SSH-B	SOIC-8	16MB	256 Bytes	2	SPI	2.7 - 3.6	1.94	1.76	1.56	1.34
556-AT25DF321A-SH-B	AT25DF321A-SH-B	SOIC-8	32MB	256 Bytes	2	SPI	2.7 - 3.6	2.32	2.16	1.99	1.83
556-AT25DF321A-SH-T	AT25DF321A-SH-T	SOIC-8	32MB	256 Bytes	2	SPI	2.7 - 3.6	2.32	2.16	1.99	1.83
556-AT25DF641-MWH-Y	AT25DF641-MWH-Y	VDFN-8	64MB	264 Bytes	8	SPI	2.7 - 3.6	3.00	2.91	2.82	2.79
556-AT25DF641-S3H-B	AT25DF641-S3H-B	SOIC-16	64MB	264 Bytes	8	SPI	2.7 - 3.6	2.69	2.60	2.44	2.28

SERIAL EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Density	Organization	Interface Type	Temperature Range (C°)	Vcc (V)	Price Each			
								1	10	25	100
556-A24C01BNSH-B	AT24C01BN-SH-B	SOIC-8	1KB	128B x 8	I2C	-40 to +85	1.8 - 5.5	.29	.28	.241	.212
556-A24C02C-PUM	AT24C02C-PUM	PDIP-8	2KB	256B x 8	I2C	-40 to +85	1.7 - 5.5	.30	.298	.277	.259
556-A24C02C-SSH-M-B	AT24C02C-SSH-M-B	SOIC-8	2KB	256B x 8	I2C	-40 to +85	1.7 - 5.5	.34	.32	.296	.264
556-A24HC02BNSH-B	AT24HC02BN-SH-B	SOIC-8	2KB	256B x 8	I2C	-40 to +85	1.8 - 5.5	.37	.36	.356	.312
556-A24C04BN-SH-B	AT24C04BN-SH-B	SOIC-8	4KB	512B x 8	I2C	-40 to +85	1.8 - 5.5	.40	.38	.33	.32
556-A24C32D-SSH-M-B	AT24C32D-SSH-M-B	SOIC-8	32KB	4096B x 8	I2C	-40 to +85	1.7 - 5.5	.64	.62	.60	.543
556-A24C64BN10SU2.7	AT24C64BN-10SU-2.7	SOIC-8	64KB	8192B x 8	I2C	-40 to +85	2.7 - 5.5	.76	.746	.694	.649
556-A24C64D-SSH-M-B	AT24C64D-SSH-M-B	SOIC-8	64KB	8192B x 8	I2C	-40 to +85	1.7 - 5.5	1.43	1.30	1.14	.98
556-A24C64D-SSH-T	AT24C64D-SSH-T	SOIC-8	64KB	8192B x 8	I2C	-40 to +85	1.7 - 5.5	1.43	1.30	1.14	.49
556-A24C256C-SSHL-B	AT24C256C-SSHL-B	SOIC-8	256KB	32,768B x 8	I2C	-40 to +85	1.7 - 5.5	.72	.69	.687	.68
556-A24C1024BTH-B	AT24C1024B-TH-B	TSSOP-8	1MB	131,072B x 8	I2C	-40 to +85	1.8 - 5.5	3.80	3.71	3.21	2.87
556-A24C1024BWSH25-B	AT24C1024BW-SH25-B	SOIC-8	1MB	131,072B x 8	I2C	-40 to +85	2.5 - 5.5	3.96	3.90	3.84	3.32
556-A25010B-SSHL-B	AT25010B-SSHL-B	SOIC-8	1KB	128B x 8	SPI	-40 to +85	1.8 - 5.5	.43	.40	.376	.336
556-A25020B-SSHL-B	AT25020B-SSHL-B	SOIC-8	2KB	256B x 8	SPI	-40 to +85	1.8 - 5.5	.45	.42	.39	.352
556-A25040B-SSHL-B	AT25040B-SSHL-B	SOIC-8	4KB	512B x 8	SPI	-40 to +85	1.8 - 5.5	.47	.44	.413	.366
556-A25640B-SSHL-T	AT25640B-SSHL-T	SOIC-8	64KB	8192B x 8	SPI	-40 to +85	1.8 - 5.5	.94	.88	.819	.729
556-A25256B-SSHL-B	AT25256B-SSHL-B	SOIC-8	256KB	32,768B x 8	SPI	-40 to +85	1.8 - 5.5	2.14	1.84	1.64	1.49
556-A25256B-XHL-B	AT25256B-XHL-B	TSSOP-8	256KB	32,768B x 8	SPI	-40 to +85	1.8 - 5.5	2.40	2.07	1.84	1.68
556-A25512N-SH-B	AT25512N-SH-B	SOIC-8	512KB	65,536B x 8	SPI	-40 to +85	1.8 - 5.5	3.76	3.25	2.97	2.75
556-A93C46DTH-B	AT93C46D-TH-B	TSSOP-8	1KB	128B x 8	Microwire	-40 to +85	1.8 - 5.5	.24	.238	.222	.207
556-A93C46DNSH-B	AT93C46DN-SH-B	SOIC-8	1KB	128B x 8	Microwire	-40 to +85	1.8 - 5.5	.29	.28	.241	.212
556-A93C46E-PU	AT93C46E-PU	PDIP-8	1KB	64B x 16	Microwire	-40 to +85	1.8 - 5.5	.34	.32	.29	.249
556-A93C46ENSH-B	AT93C46EN-SH-B	SOIC-8	1KB	64B x 16	Microwire	-40 to +85	1.8 - 5.5	.32	.26	.23	.212
556-A93C56A10SU2.7	AT93C56A-10SU-2.7	SOIC-8	2KB	256B x 8	Microwire	-40 to +85	2.7 - 5.5	.42	.39	.35	.312
556-A93C56A10SU1.8	AT93C56A-10SU-1.8	SOIC-8	2KB	256B x 8	Microwire	-40 to +85	1.8 - 5.5	.39	.32	.27	.265
556-A93C66A10SU2.7	AT93C66A-10SU-2.7	SOIC-8	4KB	512B x 8	Microwire	-40 to +85	2.7 - 5.5	.45	.42	.34	.319
556-A93C66A10PU2.7	AT93C66A-10PU-2.7	PDIP-8	4KB	512B x 8	Microwire	-40 to +85	2.7 - 5.5	.46	.43	.411	.384
556-A93C66A10TU2.7	AT93C66A-10TU-2.7	TSSOP-8	4KB	512B x 8	Microwire	-40 to +85	2.7 - 5.5	.56	.47	.41	.38
556-A93C86A10SU2.7	AT93C86A-10SU-2.7	SOIC-8	16KB	2KB x 8 or 1K x 16	Microwire	-40 to +85	2.7 - 5.5	.55	.54	.49	.468

PARALLEL EEPROMS

For quantities greater than listed, call for quote.

556-AT28C64B15PU	AT28C64B-15PU	PDIP	64KB	8KB x 8	150ns	4.5V-5.5V	2.50	2.42	2.33	2.12
556-AT28HC64B70SU	AT28HC64B-70SU	SOIC	64KB	8KB x 8	70ns, 90ns, 120ns	4.5V-5.5V	4.76	4.61	4.38	4.09
556-AT28HC256-70SU	AT28HC256-70SU	SOIC	256KB	32KB x 8	70ns, 90ns, 120ns	4.5V-5.5V	12.16	9.72	8.71	8.68
556-AT28C25615PU	AT28C256-15PU	PDIP	256KB	32KB x 8	150ns	4.5V-5.5V	5.18	5.02	4.76	4.45

OTP EPROM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Density	Organization	Speed	Vcc	Price Each			
							1	10	25	100
556-AT27C256R70PU	AT27C256R-70PU	PDIP	256KB	32KB x 8	70ns	5V	2.36	2.28	2.20	1.72
556-AT27C256R-45PU	AT27C256R-45PU	PDIP	256KB	32KB x 8	45ns, 70ns	4.5V-5.5V	1.08	1.04	1.00	.933
556-AT27C512R-45PU	AT27C512R-45PU	PDIP	512KB	64KB x 8	45ns, 70ns	4.5V-5.5V	4.19	3.39	2.90	2.34
556-AT27C512R70PU	AT27C512R-70PU	PDIP	512KB	64KB x 8	70ns	5V	3.36	2.99	2.64	2.34
556-AT27C512R70JU	AT27C512R-70JU	PLCC	512KB	64KB x 8	70ns	5V	1.22	1.18	1.10	1.03
556-AT27C102470PU	AT27C1024-70PU	PDIP	1MB	64KB x 16	70ns	5V	5.12	4.42	4.13	3.53
556-AT27C2048-55JU	AT27C2048-55JU	PLCC	2MB	128KB x 16	55ns, 90ns	4.5V-5.5V	2.78	2.69	2.59	2.41
556-AT27C4096-90JU	AT27C4096-90JU	PLCC	4MB	256KB x 16	55ns, 90ns	4.5V-5.5V	9.03	8.25	7.29	6.25

ELECTRONICALLY ERASABLE PROGRAMMABLE LOGIC DEVICES - EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Tpd	I/O Pins	Macrocells	Power Options	Registers	Usable Gates	Vcc	Price Each			
										1	10	25	100
556-AF16V8C7PU	ATF16V8C-7PU	PDIP	5ns, 7ns	8	8	Standard	8	150	5.0V	2.50	2.20	2.02	1.56
556-AF16V8B15PU	ATF16V8B-15PU	PDIP-20	15	20	8	Standard	8	150	5	.54	.52	.49	.467
556-AF22V10C15PU	ATF22V10C-15PU	PDIP	15ns	24	10	Standard	10	350	5.0V	1.74	1.68	1.61	1.46
556-AF16V8BQL15PU	ATF16V8BQL-15PU	PDIP	15ns	20	8	Quarter	8	150	5.0V	1.00	.97	.902	.844