

# ATMEL Memory and Programmable Logic

RoHS Compliant This product is RoHS compliant.



## PARALLEL EEPROMS

Atmel is the world's #1 manufacturer of Parallel EEPROM products. The Parallel EEPROM enables the user or application to update the stored data byte-by-byte or by full sector, while providing reliability benefits of high programming endurance and data retention, and faster read timing than Serial Interface protocols.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Density	Organization	Speed	Vcc	Price Each			
							1	10	25	100
556-AT28C64B15PU	AT28C64B-15PU	PDIP	64KB	8KB x 8	150ns	4.5V-5.5V	3.80	3.41	3.35	3.00
556-AT28HC64B70SU	AT28HC64B-70SU	SOIC	64KB	8KB x 8	70ns, 90ns, 120ns	4.5V-5.5V	10.30	9.81	9.35	8.91
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	5.90	5.43	5.15	4.65

## SERIAL EEPROMS

Atmel is the leading supplier of Serial EEPROM devices, used in a broad spectrum of consumer, automotive, telecommunication, medical, industrial and PC related markets. Primarily used to store personal preference data and configuration/setup data, Serial EEPROMs are the most flexible type of non-volatile memory utilized today.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Density	Interface Type	Organization	Vcc	Price Each			
							1	10	25	100
556-A24C01BNSH-B	AT24C01BN-SH-B	SO150	1KB	2-Wire	128B x 8	1.8V	.30	.29	.25	.22
556-A93C46DTH-B	AT93C46D-TH-B	TSSOP	1KB	3-Wire	128B x 8	1.8V	.32	.302	.28	.24
556-A93C46DNSH-B	AT93C46DN-SH-B	SO150	1KB	3-Wire	128B x 8	1.8V	.31	.29	.25	.22
556-A93C46E-PU	AT93C46E-PU	PDIP	1KB	3-Wire	64B x 16	1.8V	.30	.29	.28	.24
556-A93C46ENSH-B	AT93C46EN-SH-B	SOIC	1KB	3-Wire	64B x 16	1.8V	.32	.26	.23	.212
556-A25010A10SU2.7	AT25010AN-10SU-2.7	SOIC	1KB	SPI	128B x 8	1.8V, 2.7V	.41	.38	.35	.324
556-A24C02BY6YHT	AT24C02BY6-YH-T	DFN	2KB	2-Wire	256B x 8	1.8V	.46	.44	.42	.40
556-A24C02BTH-B	AT24C02B-TH-B	TSSOP	2KB	2-Wire	256B x 8	1.8V	.39	.37	.35	.30
556-A24C02BU3UUT	AT24C02BU3-UU-T	Die BGA	2KB	2-Wire	256B x 8	1.8V	.77	.65	.61	.57
556-A24C02BPU	AT24C02B-PU	PDIP	2KB	2-Wire	256B x 8	1.8V	.30	.29	.28	.274
556-A24C02BNSH-B	AT24C02BN-SH-B	SO150	2KB	2-Wire	256B x 8	1.8V	.30	.29	.28	.274
556-A24HC02BNSH-B	AT24HC02BN-SH-B	SO150	2KB	2-Wire	256B x 8	1.8V	.30	.29	.28	.274
556-A93C56A10SU2.7	AT93C56A-10SU-2.7	SOIC	2KB	3-Wire	256B x 8	1.8V, 2.7V	.40	.34	.30	.272
556-A93C56A10SU1.8	AT93C56A-10SU-1.8	SOIC	2KB	3-Wire	256B x 8	1.8V, 2.7V	.42	.35	.30	.273
556-A25020A10SU2.7	AT25020AN-10SU-2.7	SOIC	2KB	SPI	256B x 8	1.8V, 2.7V	.45	.34	.30	.285
556-AT24C04BN-SH-B	AT24C04BN-SH-B	SOIC	4KB	2-Wire	512B x 8	1.8V	.38	.36	.345	.32
556-A93C66A10SU2.7	AT93C66A-10SU-2.7	SOIC	4KB	3-Wire	512B x 8	1.8V, 2.7V	.43	.40	.36	.324
556-A93C66A10PU2.7	AT93C66A-10PU-2.7	PDIP	4KB	3-Wire	512B x 8	1.8V, 2.7V	.43	.40	.37	.324
556-A93C66A10TU2.7	AT93C66A-10TU-2.7	TSSOP	4KB	3-Wire	512B x 8	1.8V, 2.7V	.56	.45	.40	.36
556-A25040A10SU1.8	AT25040AN-10SU-1.8	SOIC	4KB	SPI	512B x 8	1.8V, 2.7V	.60	.56	.51	.441
556-A24C16BTH-B	AT24C16B-TH-B	TSSOP	16KB	2-Wire	2048B x 8	--	.49	.48	.46	.40
556-A24C16BNSH-B	AT24C16BN-SH-B	SO150	16KB	2-Wire	2048B x 8	--	.37	.36	.355	.343
556-A93C86A10SU2.7	AT93C86A-10SU-2.7	SOIC	16KB	3-Wire	2,048B x 8	1.8V, 2.7V	.53	.50	.45	.403
556-A24C32C-PU	AT24C32C-PU	PDIP	32KB	2-Wire	4096B x 8	1.8V	.48	.46	.45	.41
556-A24C32CNSH-B	AT24C32CN-SH-B	SOIC	32KB	2-Wire	4,096B x 8	1.8V	.53	.45	.39	.36
556-A25320A10SU2.7	AT25320AN-10SU-2.7	SOIC	32KB	SPI	4,096B x 8	1.8V, 2.7V	.82	.76	.70	.647
556-A24C64CNSH-B	AT24C64CN-SH-B	SOIC	64KB	2-Wire	8,192B x 8	1.8V	.60	.56	.52	.455
556-A24C64BN10SU2.7	AT24C64BN-10SU-2.7	SOIC	64KB	2-Wire	8,192B x 8	1.8V, 2.7V	1.05	1.00	.956	.911
556-A24C64C-PU	AT24C64C-PU	PDIP	64KB	2-Wire	4096B x 8	1.8V	.53	.51	.50	.481
556-A24C64CNSH-B	AT24C64CN-SH-B	SO150	64KB	2-Wire	8192B x 8	1.8V	.60	.56	.52	.455
556-A25640A10SU2.7	AT25640AN-10SU-2.7	SO150	64KB	SPI	8192B x 8	1.8V, 2.7V	.88	.75	.72	.713
556-AT25640AY610YH18	AT25640AY6-10YH-1.8	DFN	64KB	SPI	8,192B x 8	1.8V, 2.7V	1.02	.92	.851	.759
556-A25640A10SU2.7	AT25640AN-10SU-2.7	SOIC	64KB	SPI	8,192B x 8	1.8V, 2.7V	.88	.75	.72	.713
556-AT25640A10PU2.7	AT25640A-10PU-2.7	PDIP	64KB	SPI	8,192B x 8	1.8V, 2.7V	.88	.80	.77	.713
556-A25640A10TU2.7	AT25640A-10TU-2.7	TSSOP	64KB	SPI	8,192B x 8	1.8V, 2.7V	1.01	.92	.83	.764
556-A24C128BPU	AT24C128B-PU	PDIP	128KB	2-Wire	16,384B x 8	1.8V	.74	.70	.673	.641
556-A25128A10SU2.7	AT25128AN-10SU-2.7	SOIC	128KB	SPI	16,384B x 8	1.8V, 2.7V	1.34	1.26	1.16	1.05
556-A25128A10TU2.7	AT25128A-10TU-2.7	TSSOP	128KB	SPI	16,384B x 8	1.8V, 2.7V	1.45	1.36	1.23	1.15
556-A25128A10SU1.8	AT25128AN-10SU-1.8	SOIC	128KB	SPI	16,384B x 8	1.8V, 2.7V	1.50	1.41	1.27	1.09
556-AT24C256BN-SH-B	AT24C256BN-SH-B	SOIC	256KB	2-Wire	32,768B x 8	1.8V, 2.7V	1.38	1.29	1.22	1.13
556-A25256A10SU2.7	AT25256AN-10SU-2.7	SOIC	256KB	SPI	32,768B x 8	1.8V, 2.7V	1.86	1.81	1.58	1.47
556-A25256A10PU2.7	AT25256A-10PU-2.7	PDIP	256KB	SPI	32,768B x 8	1.8V, 2.7V	1.86	1.81	1.58	1.47
556-A25256AW10SU2.7	AT25256AW-10SU-2.7	SOIC	256KB	SPI	32,768B x 8	1.8V, 2.7V	1.93	1.76	1.64	1.52
556-A25256A10SU1.8	AT25256AN-10SU-1.8	SOIC	256KB	SPI	32,768B x 8	1.8V, 2.7V	2.08	1.95	1.76	1.52
556-A25256A10PU2.7	AT25256A-10PU-2.7	PDIP	256KB	SPI	32,768B x 8	1.8V, 2.7V	1.86	1.81	1.58	1.47
556-A25256A10SU2.7	AT25256AN-10SU-2.7	SO150	256KB	SPI	32,768B x 8	1.8V, 2.7V	1.86	1.81	1.58	1.47
556-A24C512BNSH25T	AT24C512BN-SH25-T	SO150	512KB	2-Wire	65,536B x 8	1.8V	1.80	1.62	1.34	1.24
556-A24C512BPU	AT24C512B-PU	PDIP	512KB	2-Wire	65,536B x 8	1.8V	1.76	1.71	1.62	1.40
556-A24C512BPU25	AT24C512B-PU25	PDIP	512KB	2-Wire	65,536B x 8	1.8V	1.74	1.62	1.44	1.25
556-A24C512BTH25-B	AT24C512B-TH25-B	TSSOP	512KB	2-Wire	65,536B x 8	1.8V	1.76	1.69	1.56	1.35
556-A24C512BTH-B	AT24C512B-TH-B	TSSOP	512KB	2-Wire	65,536B x 8	1.8V	1.78	1.72	1.66	1.50
556-A24C512BNSH25-B	AT24C512BN-SH25-B	SO150	512KB	2-Wire	65,536B x 8	1.8V	1.74	1.60	1.39	1.20
556-A24C512BNSH-B	AT24C512BN-SH-B	SO150	512KB	2-Wire	65,536B x 8	1.8V	1.76	1.67	1.44	1.25
556-A24C512BNSH25T	AT24C512BN-SH25-T	SOIC	512KB	2-Wire	65,536B x 8	1.8V	1.80	1.62	1.34	1.24
556-A24C1024BTH-B	AT24C1024B-TH-B	TSSOP	1024KB	2-Wire	131,072B x 8	1.8V, 2.5V	3.70	3.61	3.12	2.79
556-A24C1024BWSH25-B	AT24C1024BW-SH25-B	SO300	1024KB	2-Wire	131072B x 8	2.7V	3.68	3.34	3.00	2.73

## ELECTRONICALLY ERASABLE PROGRAMMABLE LOGIC DEVICES - EEPLDS

Atmel's Programmable Logic Devices are EE-based for high-reliability and easy re-programming and are supported by all popular third party programmers.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Tpd	I/O Pins	Macro-cells	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	1.23	1.05	1.00	.884
556-ATF16V8B15PC	ATF16V8B-15PC	PDIP	10ns, 15ns	8	8	Standard	8	150	5.0V	.82	.70	.665	.589
556-AF22V10C15PU	ATF22V10C-15PU	PDIP	15ns	24	10	Standard	10	350	5.0V	2.43	2.03	1.63	1.41
556-AF16V8BQL15PU	ATF16V8BQL-15PU	PDIP	15ns	20	8	Quarter	8	150	5.0V	1.20	1.14	1.00	.863
556-AF20V8BQL15JU	ATF20V8BQL-15JU	PLCC	15ns	8	8	Quarter, Low	8	200	5.0V	2.04	1.76	1.66	1.47
556-AF22L10CQZ-30XU	ATF22L10CQZ-30XU	TSSOP	30ns	10	10	Quarter, Zero	10	350	3.0V-5.5V	2.62	2.56	2.50	2.39