

Memory and Programmable Logic

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Atmel 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	100
556-AT24CS01-SSH-T	AT24CS01-SSH-T	SOIC-8	1KB	128Bx8	I2C	-40 to +85	1.7 - 5.5	.24	.222	.194
556-AT24MAC602SSH-T	AT24MAC602-SSH-T	SOIC-8	2KB	256Bx8	I2C	-40 to +85	1.7 - 5.5	.36	.336	.295
556-AT24CS08-SSH-T	AT24CS08-SSH-T	SOIC-8	8KB	1024Bx8	I2C	-40 to +85	1.7 - 5.5	.32	.30	.263
556-AT24CS08-XHM-T	AT24CS08-XHM-T	TSSOP-8	8KB	1024Bx8	I2C	-40 to +85	1.7 - 5.5	.35	.322	.282
556-AT25256B-XHL-B	AT25256B-XHL-B	TSSOP-8	256KB	32,768Bx8	SPI	-40 to +85	1.8 - 5.5	1.57	1.39	1.24

Atmel PARALLEL EEPROMS

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MOUSER STOCK NO.	Atmel Part No.	Package	Density	Organization	Speed	Vcc (V)	Price Each		
							1	10	100
556-AT28C64B15PU	AT28C64B-15PU	PDIP	64KB	8KBx8	150ns	4.5 - 5.5	3.86	3.51	3.06
556-AT28HC64B70SU	AT28HC64B-70SU	SOIC	64KB	8KBx8	70ns, 90ns, 120ns	4.5 - 5.5	5.86	5.35	4.67
556-AT28HC256-70SU	AT28HC256-70SU	SOIC	256KB	32KBx8	70ns, 90ns, 120ns	4.5 - 5.5	9.96	9.22	7.89
556-AT28C25615PU	AT28C256-15PU	PDIP	256KB	32KBx8	150ns	4.5 - 5.5	7.50	6.90	6.04

Atmel OTP EPROM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Atmel Part No.	Package	Density	Organization	Speed	Vcc (V)	Price Each		
							1	10	100
556-AT27C256R70PU	AT27C256R-70PU	PDIP	256KB	32KBx8	70ns	5	1.79	1.58	1.42
556-AT27C256R-45PU	AT27C256R-45PU	PDIP	256KB	32KBx8	45ns, 70ns	4.5 - 5.5	1.79	1.58	1.42
556-AT27C512R-45PU	AT27C512R-45PU	PDIP	512KB	64KBx8	45ns, 70ns	4.5 - 5.5	1.99	1.79	1.57
556-AT27C512R70PU	AT27C512R-70PU	PDIP	512KB	64KBx8	70ns	5	1.99	1.79	1.57
556-AT27C512R70JU	AT27C512R-70JU	PLCC	512KB	64KBx8	70ns	5	1.99	1.79	1.57
556-AT27C102470PU	AT27C1024-70PU	PDIP	1MB	64KBx16	70ns	5	3.07	2.78	2.43
556-AT27C2048-55JU	AT27C2048-55JU	PLCC	2MB	128KBx16	55ns, 90ns	4.5 - 5.5	4.39	3.99	3.48
556-AT27C4096-90JU	AT27C4096-90JU	PLCC	4MB	256KBx16	55ns, 90ns	4.5 - 5.5	6.10	5.62	4.92

Atmel ELECTRONICALLY ERASABLE PROGRAMMABLE LOGIC DEVICES - EEP LDS

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 (V)	Price Each		
										1	10	100
556-AF16V8C7PU	ATF16V8C-7PU	PDIP	5ns, 7ns	8	8	Standard	8	150	5	3.02	2.70	2.21
556-AF16V8B15PU	ATF16V8B-15PU	PDIP-20	15ns	20	8	Standard	8	150	5	1.67	1.51	1.21
556-AF22V10C15PU	ATF22V10C-15PU	PDIP	15ns	24	10	Standard	10	350	5	2.84	2.54	2.08
556-AF16V8BQL15PU	ATF16V8BQL-15PU	PDIP	15ns	20	8	Quarter	8	150	5	2.06	1.86	1.49

Maxim integrated. EEPROMS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package Type	Memory Size	Organization	Interface Type	Supply Voltage (V)		Price Each					
						Min.	Max.	1	25	100			
700-DS2431GA+U	DS2431GA+U	SFN-2	1024-bit	4 pagesx256K	1-Wire	2.5	5.25	1.96	1.48	1.30			
700-DS2431X+U	DS2431X+U	UCSPR-6	1024-bit	4 pagesx256-bits	1-Wire	2.8	5.25	1.57	1.17	1.12			
700-DS24B33G+U	DS24B33G+U	SFN-2	4096-bit	16 pagesx256-bits	1-Wire	2.8	5.25	2.96	2.60	2.23			
700-DS2431X-S	DS2431X-S+	UCSP-6	1024-bit	4 pagesx256-bits	1-Wire	2.8	5.25	1.50	1.17	1.03			
700-DS2431PT&R	DS2431PT&R	TSOC-6	1024-bit	4 pagesx256-bits	1-Wire	2.8	5.25	1.59	1.20	1.05			
700-DS2465P+	DS2465P+	TSOC-6	64 Bytes	2 pagesx32	2-Wire	2.97	3.63	1.85	1.64	1.56			
700-DS24L65P+	DS24L65P+	TSOC-6	64 Bytes	2 pagesx32	2-Wire	2.97	3.63	2.07	1.81	1.41			
700-DS28E15Q+U	DS28E15Q+U	TDFN-6	512-bit	2 pagesx256	1-Wire	1.71	1.89	1.54	1.33	1.14			
700-DS28E22Q+U	DS28E22Q+U	TDFN-6	2KB	8 pagesx256	1-Wire	2.97	3.63	1.81	1.58	1.38			
700-DS28E25Q+U	DS28E25Q+U	TDFN-6	4KB	16 pagesx256	1-Wire	2.97	3.63	2.44	1.83	1.60			
700-DS28E80Q+T	DS28E80Q+T	TDFN-6	2KB	248bx8b	1-Wire	2.97	3.63	1.97	1.48	1.30			
700-DS28E80Q+U	DS28E80Q+U	TDFN-6	2KB	248bx8b	1-Wire	2.97	3.63	1.46	1.05	.969			
700-DS28EL15Q+U	DS28EL15Q+U	TDFN-6	512-bit	2 pagesx256	1-Wire	1.71	1.89	1.65	1.45	1.26			
700-DS28EL22Q+U	DS28EL22Q+U	TDFN-6	2KB	8 pagesx256	1-Wire	1.71	1.89	2.02	1.44	1.44			
700-DS28EL25Q+U	DS28EL25Q+U	TDFN-6	4KB	16 pagesx256	1-Wire	1.71	1.89	2.85	2.16	1.89			
Reference Design Board								Description			Price Each		
700-MAXREFDES34#	MAXREFDES34#	Alcatraz (MAXREFDES34#): SHA-256 Secure Authentication Design					20.00						

Maxim integrated. NVRAM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package Type	Memory Size	Organization	Interface Type	Access Time (ns)	Supply Voltage (V)		Operating Current (mA)	Price Each		
							Min.	Max.		1	25	100
700-DS1245AB-100	DS1245AB-100+	EDIP-32	1M-bit	128Kx8	Parallel	100	4.75	5.25	85	33.83	32.95	-

ON Semiconductor SRAM MEMORY

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	Description	F _{cycle} (Max.) (MHz)	Vcc (Max.) (V)	I _{standby} Typ. (µA)	Price Each			
							1	10	100	1000
863-N25S830HAS22I	N25S830HAS22I	SOIC-8	256kb, 3V Serial SRAM	20	3.6	1	2.35	2.00	1.60	1.16
863-N25S830HAT22I	N25S830HAT22I	TSSOP-8	256kb, 3V Serial SRAM	20	3.6	1	2.35	2.00	1.60	1.16
863-N64S830HAS22I	N64S830HAS22I	SOIC-8	64kb, 3V Serial SRAM	20	3.6	1	2.83	2.40	2.08	1.49
863-N64S830HAT22I	N64S830HAT22I	TSSOP-8	64kb, 3V Serial SRAM	20	3.6	1	2.99	2.41	2.19	1.50

ON Semiconductor SERIAL FLASH MEMORY

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package Type	Memory Size	Frequency (MHz)	Supply Voltage (V)	Organization	Architecture	Data Bus Width (bit)	Operating Temperature (°C)	Price Each			
										1	10	100	1000
863-LE25S40AFDTWG	LE25S40AFDTWG	VSOIC-8	4	40	1.95	512 k x 8	Sector	8	-40 to +90	.87	.702	.539	.376