


RAMTRON F-RAM Memory

 This product is RoHS compliant.

RAMTRON

PARALLEL F-RAM

Non-volatile Parallel High performance reads and writes with true non-volatility without the battery. All byte-wide memories have standard SRAM pinouts. They operate like SRAMs and provide non-volatile storage with no requirement for battery backup.

Features:

- Industry standard SRAM/EEPROM pinout
- NoDelay™ Writes
- Read and write at bus speed
- High endurance
- Low standby current
- Low power consumption



RoHS Compliant



LEAD-FREE

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ramtron Part No.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each			
								1	10	50	100
◆ 877-FM25040B-GA	FM25040B-GA	SOIC-8	4K	512x8	NoDelay™	-40 to +125	-1 to +7	2.06	1.85	1.68	1.52
◆ 877-FM25L04B-GA	FM25L04B-GA	SOIC-8	4K	512x8	NoDelay™	-40 to +125	-1 to +5	2.06	1.85	1.68	1.52
◆ 877-FM25C160B-GA	FM25C160B-GA	SOIC-8	16K	2048x8	NoDelay™	-40 to +125	-1 to +7	2.06	1.85	1.67	1.51
◆ 877-FM24CL64B-GA	FM24CL64B-GA	SOIC-8	64K	8192x8	NoDelay™	-40 to +125	1 to +4.5	3.40	3.05	2.76	2.50
◆ 877-FM25640B-GA	FM25640B-GA	SOIC-8	64K	8192x8	NoDelay™	-40 to +125	-1 to +7	3.93	3.53	3.19	2.89
◆ 877-FM25CL64B-GA	FM25CL64B-GA	SOIC-8	64K	8192x8	NoDelay™	-40 to +125	-1 to +5	3.40	3.05	2.76	2.50
◆ 877-FM3164-G	FM3164-G	SOIC-14	64K	-	NoDelay™	-40 to +85	2.7 to 5.5	7.51	6.75	6.11	5.53
◆ 877-FM31L276-G	FM31L276-G	SOIC-14	64K	-	NoDelay™	-40 to +85	2.7 to 3.6	7.51	6.75	6.11	5.53
◆ 877-FM1608B-SG	FM1608B-SG	SOIC-28	64K	8192x8	NoDelay™	-40 to +85	-1 to +7	4.87	4.38	3.96	3.59
◆ 877-FM24V01-G	FM24V01-G	SOIC-8	128K	16384x8	NoDelay™	-40 to +85	2 to 3.6	3.65	3.28	2.97	2.69
◆ 877-FM25V01-G	FM25V01-G	SOIC-8	128K	16384x8	NoDelay™	-40 to +85	2 to 3.6	4.30	3.86	3.50	3.17
◆ 877-FM14C88-SG	FM14C88-SG	SOIC-32	256K	32K x 8	60	-40 to +85	2.7 to 3.6	8.56	7.69	6.97	6.31
◆ 877-FM28V020-TG	FM28V020-TG	TSOP-32	256K	32Kx8	NoDelay™	-40 to +85	2 to 3.6	9.25	8.31	7.52	6.81
◆ 877-FM31256-G	FM31256-G	SOIC-14	256K	-	NoDelay™	-40 to +85	2.7 to 5.5	7.96	7.15	6.47	5.86
◆ 877-FM31278-G	FM31278-G	SOIC-14	256K	-	NoDelay™	-40 to +85	4 to 5.5	7.96	7.15	6.47	5.86
◆ 877-FM1808B-SG	FM1808B-SG	SOIC-28	256K	32768x8	NoDelay™	-40 to +85	-1 to +7	10.14	9.11	8.25	7.47
◆ 877-FM25H20-G	FM25H20-G	SOIC-8	2MB	256Kx8	NoDelay™	-40 to +85	2 to 3.6	21.92	19.69	17.83	16.15
◆ 877-FM21L16-60-TG	FM21L16-60-TG	TSOP-44	2M	125K x 16	60	-40 to +85	2.7 to 3.6	22.45	20.17	18.26	16.53
◆ 877-FM22L16-55-TG	FM22L16-55-TG	TSOP-44	4M	256K x 16	55	-40 to +85	2.7 to 3.6	28.75	25.82	23.38	21.17
◆ 877-FM22LD16-55-BG	FM22LD16-55-BG	BGA-48	4M	256K x 16	55	-40 to +85	2.7 to 3.6	29.91	26.86	24.32	22.03

High-Speed Low Power

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◆ 877-FM28V020-SG	FM28V020-SG	SOIC-28	256K	32K x 8	60	-40 to +85	2.0 to 3.6	8.56	7.69	6.97	6.31
◆ 877-FM28V100-TG	FM28V100-TG	TSOP-32	1M	128K x 8	60	-40 to +85	2.0 to 3.6	13.10	11.76	10.65	9.64