

CMOS Static RAMs (Wide temperature operation: -25 to $+85^{\circ}\text{C}$)

Part number	Capacity	Organization	Power supply (V)	Current consumption		Ambient temperature range ($^{\circ}\text{C}$)	Access time (ns, Max.)	Additional features	Package	Equivalents
				Operating (mA, Max.)	Standby (μA , Max.)					
SRM2A256LLMX ₇₀	256K	32K $\times$ 8	5.0	30	100	-25 to 85	70		DIP-28pin, SOP2-28pin, TSOP(I)-28pin TSOP(II)-28pin-R1	
SRM2A256LLMX ₈₅							85			
SRM2A256LLMX ₁₀							100			
Wide Voltage SRM2AL256LLMT	256K	32K $\times$ 8	2.7 to 5.5	5(3.3V)	60(3.3V)	-25 to 85	200(2.7V)		SOP2-28pin, TSOP(II)-28pin, TSOP(III)-28pin-R1	
				10(5.5V)	100(5.5V)		85(4.5V)			
Wide Voltage SRM2B256SLMX _{55/70/10}	256K	32K $\times$ 8	2.7 to 5.5	5(3.3V)	25(3.3V)	-25 to 85	100/120/180 (2.7V)		SOP2-28pin, TSOP(II)-28pin, TSOP(III)-28pin-R1	
				10(5.5V)	50(5.5V)		55/70/100 (4.5V)			
SRM20V512SLMX ₇	512K	64K $\times$ 8	2.7 to 3.6	15	30	-25 to 85	70		SOP6-32pin, TSOP(II)-32pin, TSOP(III)-32pin-R1	
Low Voltage SRM20V100LLMX ₇	1M	128K $\times$ 8	2.7 to 3.6	15	60	-25 to 85	70		SOP6-32pin, TSOP(II)-32pin, TSOP(III)-32pin-R1	
Low Voltage SRM21016LLTX ₂ *	1M	64K $\times$ 16	2.7 to 3.6	35(3.3V)	60(3.3V)	-25 to 85	120(2.7V)		TSOP(II)-44pin, TSOP(III)-44pin-R1	
SRM20W116LLTX ₂ *	1M	64K $\times$ 16	1.8 to 3.6	45	60	-25 to 85	120(1.8V)		TSOP(II)-44pin, TSOP(III)-44pin-R1	
							70(2.7V)			

* : Under development.

CMOS Static RAMs (Wide temperature operation: -40 to $+85^{\circ}\text{C}$)

Part number	Capacity	Organization	Power supply (V)	Current consumption		Ambient temperature range ($^{\circ}\text{C}$)	Access time (ns, Max.)	Additional features	Package	Equivalents
				Operating (mA, Max.)	Standby (μA , Max.)					
SRM2264LCT ₁₀	64K	8K $\times$ 8	5.0	82	20	-40 to 85	100		DIP-28pin, SOP2-28pin, TSOP(II)-28pin, TSOP(III)-28pin-R1	
SRM2264LCT ₁₂				80			120			
SRM21016LLTT ₂ *	1M	64K $\times$ 16	2.7 to 3.6	45	70	-40 to 85	120		TSOP(II)-44pin, TSOP(III)-44pin-R1	
SRM20W116LLTT ₂ *	1M	64K $\times$ 16	1.8 to 3.6	45	60	-40 to 85	120(1.8V)		TSOP(II)-44pin, TSOP(III)-44pin-R1	
							70(2.7V)			
SRM2464MT*	64K	8K $\times$ 8	1.8 to 3.6	40	3	-40 to 85	150		SOP2-28pin, TSOP(II)-28pin, TSOP(III)-28pin-R1	
SRM2A256LLCT ₈₅	256K	32K $\times$ 8	5.0	10	100	-40 to 85	85		DIP-28pin, SOP2-28pin, TSOP(II)-28pin, TSOP(III)-28pin-R1	
SRM2A256LLCT ₁₀							100			
Wide Voltage SRM2B256SLMT _{70/10}	256K	32K $\times$ 8	5.0	10	50	-40 to 85	70/100		SOP2-28pin, TSOP(II)-28pin, TSOP(III)-28pin-R1	
SRM20512LLMT ₈₅	512K	64K $\times$ 8	5.0	40	100	-40 to 85	85		SOP6-32pin TSOP(II)-32pin TSOP(III)-32pin-R1	
SRM20512LLMT ₁₀							100			
Low Voltage SRM20V512SLMT ₇	512K	64K $\times$ 8	2.7 to 3.6	15	30	-40 to 85	70		SOP6-32pin TSOP(II)-32pin TSOP(III)-32pin-R1	

* : Under development.