

● Low power dissipation static RAMs (Low voltage operation) (Continued)

Memory capacity	Memory Configuration	Function mode	Max. access time (ns)	Type No.	Package Outline
4M	512Kx8	Low voltage Operation (3.0 to 3.6V) $I_{CC}$ (Power down) = 50 $\mu$ A (max) = 0.4 $\mu$ A (typ)	85	M5M5408AFP-85VL	32P2M-A
				M5M5408ATP-85VL	32P3Y-H
				M5M5408ART-85VL	32P3Y-J
			100	M5M5408AFP-10VL	32P2M-A
				M5M5408ATP-10VL	32P3Y-H
				M5M5408ART-10VL	32P3Y-J
		Low voltage Operation (2.7 to 3.6V) $I_{CC}$ (Power down) = 50 $\mu$ A (max) = 0.4 $\mu$ A (typ)	120	M5M5408AFP-12VL	★ 32P2M-A
				M5M5408ATP-12VL	★ 32P3Y-H
				M5M5408ART-12VL	★ 32P3Y-J
			150	M5M5408AFP-15VL	★ 32P2M-A
				M5M5408ATP-15VL	★ 32P3Y-H
				M5M5408ART-15VL	★ 32P3Y-J
		Low voltage Operation (3.0 to 3.6V) $I_{CC}$ (Power down) = 10 $\mu$ A (max) = 0.4 $\mu$ A (typ)	85	M5M5408AFP-85VLL	32P2M-A
				M5M5408ATP-85VLL	32P3Y-H
				M5M5408ART-85VLL	32P3Y-J
			100	M5M5408AFP-10VLL	32P2M-A
				M5M5408ATP-10VLL	32P3Y-H
				M5M5408ART-10VLL	32P3Y-J
		Low voltage Operation (2.7 to 3.6V) $I_{CC}$ (Power down) = 10 $\mu$ A (max) = 0.4 $\mu$ A (typ)	120	M5M5408AFP-12VLL	★ 32P2M-A
				M5M5408ATP-12VLL	★ 32P3Y-H
M5M5408ART-12VLL	★ 32P3Y-J				
150	M5M5408AFP-15VLL		★ 32P2M-A		
	M5M5408ATP-15VLL		★ 32P3Y-H		
	M5M5408ART-15VLL		★ 32P3Y-J		

\* The product listed above includes models which can support workpieces having a wide range of operating temperatures (-20 to 70°C/-40 to 85°C). Please contact our Sales Division whenever you need.

■ HIGH SPEED STATIC RAMS

Memory capacity	Memory Configuration	Function mode	Max. access time (ns)	Type No.	Package Outline		
256K	256Kx1	$I_{CC}$ Stand by= 50 $\mu$ A ( $V_{CC}$ = 3.0V) Low power version	12	M5M5257DP-12	24P4Y		
				M5M5257DJ-12	24P0J		
			15	M5M5257DP-15	24P4Y		
				M5M5257DJ-15	24P0J		
			15	M5M5257DP-15L	24P4Y		
				M5M5257DJ-15L	24P0J		
			20	M5M5257DP-20L	24P4Y		
				M5M5257DJ-20L	24P0J		
			64Kx4	$I_{CC}$ Stand by= 50 $\mu$ A ( $V_{CC}$ = 3.0V) Low power version	12	M5M5258DP-12	24P4Y
						M5M5258DJ-12	24P0J
	15	M5M5258DP-15			24P4Y		
		M5M5258DJ-15			24P0J		
	15	M5M5258DP-15L			24P4Y		
		M5M5258DJ-15L			24P0J		
	20	M5M5258DP-20L			24P4Y		
		M5M5258DJ-20L			24P0J		
	10	M5M5258EJ-10			★★ 24P0J		
		M5M5258EJ-12			★★ 24P0J		
	32Kx8			12	M5M5278DP-12	28P4Y	
					M5M5278DJ-12	28P0J	
15				M5M5278DP-15	28P4Y		
				M5M5278DJ-15	28P0J		
15				M5M5278DFP-15	28P2W-C		
				M5M5278DVP-15	28P2C-A		
20				M5M5278DFP-20	28P2W-C		
				M5M5278DVP-20	28P2C-A		