

Static RAMs - continued

Static RAMs - continued

Mfr. PinsPkg	Description	Mfrs. List No.	Order Code	1+	25+	100+	250+	+
1Mb								
7C1021	CYP 44 SOJ 1Mb (64K x 16) CMOS SRAM, 12ns acc.	CY7C1021B-12VXC	121-7553	778.00	636.00	596.00	--	--
62LV1027	BSI 32 DIL 1Mb (128K x 8) SRAM, 2.4 to 5.5V, 55ns acc.	BS62LV1027PCP55	869-8155	346.00	261.00	247.00	227.00	--
62LV1027	BSI 32 SOP 1Mb (128K x 8) SRAM, 2.4 to 5.5V, 55ns acc.	BS62LV1027SCP55	869-8163	356.00	269.00	256.00	232.00	--
62128	CYP 32 SOIC 1Mb (128K x 8) CMOS SRAM, 70ns acc.	CY62128BLL-70SXC	891-1380	195.00	159.00	141.00	--	--
62128	CYP 32 SOIC 1Mb (128K x 8) CMOS SRAM, 55ns acc.	CY62128DV30LL-55SXI	891-1398	217.00	167.00	148.00	--	--
71016	IDT 44 SOJ 1Mb (64K x 16) CMOS SRAM, 20ns acc., low power	IDT71016S20Y	787-966	459.00	370.00	302.00	--	--
71016	IDT 44 SOJ 1Mb (64K x 16) CMOS SRAM, 20ns acc., low power	IDT71016S20YG	121-8011	459.00	370.00	302.00	--	--
71024	IDT 32 SOJ 1Mb (128K x 8) CMOS SRAM, 12ns acc.	IDT71024S12YG	108-1515	149.00	125.00	114.00	--	--
71028	IDT 28 SOJ 1Mb (256K x 4) CMOS SRAM, 12ns acc.	IDT71028S12Y	466-0584	137.00	124.00	114.00	--	--
431000	NEC 32 DIL 1Mb (128K x 8) CMOS SRAM, 70ns acc., ultra low power	UPD431000ACZ-70LL-A	120-9613	1,033.00	934.00	784.00	--	--
431000	NEC 32 SOIC 1Mb (128K x 8) CMOS SRAM, 70ns acc., ultra low power	UPD431000AGW-70LL-A	120-9614	1,053.00	962.00	801.00	--	--
4Mb								
1LP0408	REN 32 SOP 4Mb (512K x 8) CMOS SRAM, 2.7V - 3.6V, 70ns acc.	R1LP0408CSP-7LC#BO	883-0223	786.00	655.00	560.00	--	--
1LP0408	REN 32 SOP 4Mb (512K x 8) CMOS SRAM, 2.7V - 3.6V, 55ns acc.	R1LP0408CSB-5SC#BO	883-0231	786.00	655.00	560.00	--	--
5128	ISSI 36 SOJ 4M (512K x 8) High-Speed CMOS SRAM - 10ns Access	IS61LV5128AL-10KLI	107-7675	694.00	555.00	462.00	421.00	--
5128	ISSI 44 TSOP4M (512K x 8) High-Speed CMOS SRAM - 10ns Access	IS61LV5128AL-10TLI	107-7676	681.00	546.00	456.00	390.00	--
7C1041	CYP 44 TSOP4Mb (256K x 16) CMOS SRAM, 20ns acc.	CY7C1041B-20ZXI	891-1495	569.00	436.00	366.00	--	--
7C1049	CYP 44 TSOP4Mb (512K x 8) CMOS SRAM, 10ns acc.	CY7C1049CV33-10ZXC	891-1509	535.00	411.00	366.00	--	--
7C1049	CYP 44 TSOP4Mb (512K x 8) CMOS SRAM, 10ns acc.	CY7C1049CV33-10ZXI	891-1517	617.00	474.00	421.00	--	--
7C4096	ALL 36 SOJ 4Mb (512K x 8) CMOS SRAM, 20ns acc., low power	AS7C4096-20JC	300-5793	2,123.00	1,871.00	1,786.00	1,469.00	--
7C34096	ALL 36 SOJ 4Mb (512K x 8) CMOS SRAM, 3.3V, 12ns acc.	AS7C34096-12JC	385-1114	1,142.00	865.00	781.00	--	--
62LV4006	BSI 32 DIL 4Mb (512K x 8) SRAM 2.4 to 5.5V 55ns - Access	BS62LV4006PCP55	869-8171	954.00	723.00	686.00	622.00	--
62LV4006	BSI 32 SOP 4Mb (512K x 8) SRAM 2.4 to 5.5V 55ns - Access	BS62LV4006SCP55	869-8180	956.00	725.00	688.00	663.00	--
7C4098	ALL 44 SOJ 4Mb (256K x 16) CMOS SRAM, 15ns acc., low power	AS7C4098-15JC	300-5770	2,123.00	1,871.00	1,786.00	1,469.00	--
7C4098	ALL 44 TSOP4Mb (256K x 16) CMOS SRAM, 15ns acc., low power	AS7C4098-15TC	300-5781	2,082.00	1,827.00	1,722.00	1,404.00	--
62148	CYP 32 SOIC 4Mb (512K x 8) CMOS SRAM, 70ns acc., low power	CY62148L-70SC	891-1732	1,230.00	1,032.00	873.00	--	--
62148	CYP 32 SOIC 4Mb (512K x 8) CMOS SRAM, 70ns acc.	CY62148BLL-70SXI	891-1410	624.00	478.00	400.00	--	--
25616	ISSI 44 TSOP4M (256K x 16) High-Speed Asynchronous CMOS SRAM - 10ns Access	IS61LV25616AL-10TL	107-7674	677.00	542.00	451.00	386.00	--
616LV4017	BSI 44 TSOP4Mb (256K x 16) SRAM, 2.4 to 5.5V, 55ns acc.	BS616LV4017ECP55	869-8210	959.00	728.00	693.00	624.00	--
8Mb								
51216	ISSI 44 TSOP8M (512K x 16) High-Speed Asynchronous CMOS SRAM - 10ns Access	IS61LV51216-10TLI	107-7677	1,843.00	1,536.00	1,316.00	1,312.00	--
8017	BSI 44 TSOP8Mb (512K x 16) CMOS SRAM, 2.4 to 5.5V, 55ns acc.	BS616LV8017EC-55	508-9669	1,870.00	1,411.00	1,311.00	--	--
62LV8001	BSI 44 TSOP8Mb (1Mb x 8) CMOS SRAM, 2.4 to 5.5V, 55ns acc.	BS62LV8001EC-55	508-9657	1,870.00	1,411.00	1,311.00	--	--
62LV8001	BSI 44 TSOP8Mb (1Mb x 8) SRAM, 2.4 to 5.5V, 55ns acc.	BS62LV8001ECP55	869-8201	1,783.00	1,456.00	1,282.00	1,209.00	--
616LV8017	BSI 44 TSOP8Mb (512K x 16) SRAM, 2.4 to 5.5V, 55ns acc.	BS616LV8017ECP55	869-8228	1,774.00	1,451.00	1,278.00	1,209.00	--

Static RAM Support ICs



210861

Pins Pkg	Description	Mfrs. List No.	Order Code	1+	25+	100+
1210	8 DIL Non-Volatile Controller, 1 RAM	DS1210+	118-7975	274.00	215.00	172.00
1210	16 SOIC Non-Volatile Controller, 1 RAM	DS1210S+	118-8034	282.00	222.00	178.00
1211	20 DIL Non-Volatile Controller, 8 RAMs	DS1211	392-730	1,831.00	1,464.00	1,172.00
1213B	28 DIL Socket Smart Socket - accepts 2K 8 or 8K 8 RAMs	DS1213B	485-342	1,194.00	912.00	776.00
1213C	28 DIL Socket Smart Socket - accepts 8K 8 or 32K 8 RAMs	DS1213C	392-753	1,194.00	912.00	776.00
1213D	32 DIL Socket Smart Socket - accepts 8K 8, 32K 8, 128K 8 or 512K 8 RAMs	DS1213D	485-275	1,391.00	1,064.00	904.00
1216B	28 DIL Socket Smart Watch - accepts 2K 8 or 8K 8 RAMs	DS1216B	485-354	1,922.00	1,536.00	1,307.00
1216C	28 DIL Socket Smart Watch - accepts 8K 8 or 32K 8 RAMs	DS1216C	392-765	1,922.00	1,536.00	1,307.00
1216C	28 DIL Socket Smart Watch - accepts 8K 8 or 32K 8 RAMs	DS1216C+	122-4206	1,650.00	1,372.00	1,041.00
1216D	32 DIL Socket Smart Watch - accepts 8K 8, 32K 8, 128K 8 or 512K 8 RAMs	DS1216D	485-287	2,108.00	1,653.00	1,433.00
1236	16 DIL Micro Manager Chip	DS1236-10	391-396	571.00	476.00	399.00

Dynamic RAMs

Micron® SDRAM



339721



Micron has four generations of Single Data Rate (SDR) Synchronous DRAMs (SDRAMs) in full production. The SDRAM family consists of 64 Megabit (64Mb), 128Mb, 256Mb, and 512Mb devices. These devices are configured as quad-bank devices. Micron® SDRAM includes 64ms refresh and Self Refresh and operate with a fully synchronous interface at 3.3V.

Pins/Package	Description	Vcc = 3.3V ±	Mfrs. List No.	Order Code	1+	10+	100+
48LC16	54/TSOP 256M (4M x 16 x 4 banks) Synchronous DRAM, CL = 3, 5.4ns acc	0.3V	MT48LC16M16A2TG-75	508-8707	764.00	573.00	569.00
48LC16	54/TSOP 256M (4M x 16 x 4 banks) Synchronous DRAM, CL = 3, 5.4ns acc	0.3V	MT48LC16M16A2P-75:D	121-6280	680.00	510.00	507.00
48LC16	54/TSOP 256M (4M x 16 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC16M16A2P-7E:D	121-6281	680.00	510.00	507.00
48LC2	86/TSOP 64MB (512K x 32 x 4 banks) Synchronous DRAM, CL = 3, 5.5ns acc	0.3V	MT48LC2M32B2P-6:G	121-6282	274.00	206.00	176.00
48LC32	54/TSOP 256M (8M x 8 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC32M8A2TG-7E	508-8768	764.00	609.00	605.00
48LC32	54/TSOP 256M (8M x 8 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC32M8A2P-7E:D	121-6283	727.00	645.00	--
48LC8	54/TSOP 64MB (1M x 16 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC4M16A2TG-7E	508-8781	382.00	322.00	--
48LC8	54/TSOP 64MB (1M x 16 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC4M16A2P-7E:G	121-6285	258.00	194.00	166.00
48LC4	86/TSOP 128MB (1M x 32 x 4 banks) Synchronous DRAM, CL = 3, 5.5ns acc	0.3V	MT48LC4M32B2TG-6	508-8793	764.00	573.00	491.00
48LC4	86/TSOP 128MB (1M x 32 x 4 banks) Synchronous DRAM, CL = 3, 5.5ns acc	0.3V	MT48LC4M32B2P-6:G	121-6286	766.00	586.00	503.00
48LC8	54/TSOP 128M (2M x 16 x 4 banks) Synchronous DRAM, CL = 3, 5.4ns acc	0.3V	MT48LC8M16A2P-75:G	121-6287	546.00	409.00	397.00
48LC8	54/TSOP 128M (2M x 16 x 4 banks) Synchronous DRAM, CL = 3, 5.4ns acc	0.3V	MT48LC8M16A2TG-75	508-8800	625.00	469.00	455.00
48LC8	54/TSOP 128M (2M x 16 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC8M16A2TG-7E	508-8811	625.00	469.00	484.00
48LC8	54/TSOP 128M (2M x 16 x 4 banks) Synchronous DRAM, CL = 2, 5.4ns acc	0.3V	MT48LC8M16A2P-7E:G	121-6288	546.00	409.00	397.00