

PROMOSテクノロジー社 DRAM クロスリファレンス



下記の製品以外も、相当品同等品がございますので、ご連絡をよろしくお願いいたします。
マイクロンのDRAMの生産中止に伴う代替え検討が増えています！

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マイクロン型番	プロモス型番	製品シリーズ	容量	構成	電圧	その他(下記ご指定下さい)
MT48LC32M16A2P	V54C3512164VJN	SDRAM	512Mb	32Mb*16	3.3V	スピード、パッケージ、温度範囲
MT46V64M16	V58C2G01164SCI	DDR1	1Gb	64Mb*16	2.5V	スピード、パッケージ、温度範囲
MT47H128M16RT	V59C1G02168QCP	DDR2	2Gb	128Mb*16	1.8V	スピード、パッケージ、温度範囲
MT47H256M8RT	V59C1G02808QDJ	DDR2	2Gb	256Mb*8	1.8V	スピード、パッケージ、温度範囲

Synchronous DRAM Cross Reference (3.3v)

Den	ORG	PROMOS	SAM SUNG	SK HYNEX	MICRON	ISSI	WINBOND	ETRON	NANYA	ESMT
16Mb	1M*16	V54C316162VD	K4S161622E	HY57V161610E	MT48LC1M16A1	IS42S16100F	W9816G8TH	EM636165TS	/	M12L16161A
64Mb	4M*16	V54C365164VF	K4S641632N	HY57V641620ET	MT48LC4M16A2P	IS42S1640E	W9864G6JH	EM636165TS	NT5SV4M16FS	M12L64164A
128Mb	8M*16	V54C3128164VF	K4S281632K	H57V1262GTR	MT48LC8M16A2P	IS42S16800D	W9812G6JH	EM639165TS	NT5SV8M16HS	M12L128168A
256Mb	16M*16	V54C3256164VJ	K4S561632N	H57V2562GTR	MT48LC16M16A2P	IS42S16160D	W9825G6JH	EM63A165TS	NT5SV16M16CS	M12L2561616A
512Mb	32M*16	V54C3512164VJ	K4S511632M	/	MT48LC32M16A2P	IS42S16320B	/	/	/	/

DDR1 DRAM Cross Reference (2.5v)

Den	ORG	PROMOS	SAM SUNG	SK HYNEX	MICRON	ISSI	WINBOND	ETRON	NANYA	ESMT
128Mb	8M*16	V58C2128164SE	K4H281638D	HY5DU1281622	/	/	W9412G6KH	EM6A9160TSA	/	M13S128168A
256Mb	16M*16	V58C2256164SJ	K4H561638D	HY5DU561622	MT49V16M16	IS43R16160B	W9425G9EH	EM6AA160TSC	NT5DS16M16	M13S2561616A
512Mb	32M*16	V58C2512164SF	K4H511638D	HY5DU121622	MT46V32M16	IS43R16320D	/	EM6AB160TSE	NT5DS32M16	M13S5121632A

DDR2 DRAM Cross Reference (1.8v)

Den	ORG	PROMOS	SAM SUNG	SK HYNEX	MICRON	ISSI	WINBOND	ETRON	NANYA	ESMT
512Mb	32M*16	V59C1512164QEJ	K4T51163Q	H5PS5162FFR	MT47H32M16HR	IS43DR16320B	W975196KB	EM68B16CWQD	NT5TU32M16D9	M14D5121632A
1Gb	64M*16	V59C1G01168QDJ	K4T1G164QF	H6PS1G63JFR	MT47H64M16H	IS43DR166404A	W971G66JB	EM68C16WQD	NT5TU128M8GE	M14D1G1684A
1Gb	128M*8	V59C1G01808QDJ	K4T1G084QF	H5PS1G83EFR	MT47H128M8H	IS63DR128804A	W971G68JB	EM68C08CWAA	NT5TU64M16GG	/
2Gb	128M*16	V59C1G02168QCP	/	/	MT47H128H16RT	IS43DR16128A	W972G66JB	/	/	/

ProMOS 製品一覽

DDR3	1Gb / 2013Q2	2Gb x8 / MP	4Gb / MP
DDR2	512Mb / MP	1Gb / MP	2Gb x16/ MP
DDR1	128Mb / MP	256Mb / MP	512Mb / MP
SDRAM	128Mb / MP	256Mb / MP	
MDDR1	1Gb x16 / MP	2Gb / request	
KGD	Available upon request		

SDRAM DDR1 DDR2 DDR3 KGD D2 KGD D3

DDR3製品一覽

4Gb DDR3 Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V73CAG04808RA	512Mbx8	1.5V	8K	H7 I8 I9 J11	78B FBGA	Blank , I, H	MP
V73CAG04168RA	256Mbx16	1.5V	8K	H7 I8 I9 J11	96B FBGA	Blank , I, H	MP
V73CBG04808RA	512Mbx8	1.35V	8K	H7 I8 I9 J11	78B FBGA	Blank , I, H	MP
V73CBG04168RA	256Mbx16	1.35V	8K	H7 I8 I9 J11	96B FBGA	Blank , I, H	MP
2Gb DDR3 Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V73CAG02808RA	256Mbx8	1.5V	8K	H7 I8 I9 J11	78B FBGA	Blank , I, H	MP
V73CAG02168RA	128Mbx16	1.5V	8K	H7 I8 I9 J11	96B FBGA	Blank , I, H	MP
1Gb DDR3 Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V73CAG01808RD	128Mbx8	1.5V	8K	H7 I8 I9 J11	78B FBGA	Blank , I, H	2013Q2
V73CAG01808RD	64Mbx16	1.5V	8K	H7 I8 I9 J11	96B FBGA	Blank , I, H	2013Q2

DDR2製品一覧

2Gb DDR2 Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V59C1G02168QC	128Mb×16	1.8V	8K	19A, 25, 25A, 3	84B FBGA	blank , -I, -H	MP

1Gb DDR2 Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V59C1G01808QC	128Mb×8	1.8V	8K	19A, 25, 25A, 3	60B FBGA	blank , -I, -H	MP
V59C1G01168QC	64Mb×16	1.8V	8K	19A, 25, 25A, 3	84B FBGA	blank , -I, -H	MP

512Mb DDR2 Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V59C1512804QE	64Mb×8	1.8V	8K	19A, 25, 25A, 3	60B FBGA	blank , -I, -H	MP
V59C1512164QE	32Mb×16	1.8V	8K	19A, 25, 25A, 3	84B FBGA	blank , -I, -H	MP

DDR1製品一覧

512Mb Synchronous DDR DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V58C2512804SE	64Mb×8	2.5	8K	4, 5, 6, 7	60B FBGA, TSOP-II	blank , -I, -H	MP
V58C2512164SE	32Mb×16	2.5	8K	4, 5, 6, 7	60B FBGA, TSOP-II	blank , -I, -H	MP

256Mb Synchronous DDR DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V58C2256804SH	32Mb×8	2.5	8K	4, 5, 6, 7	66L TSOP-II	blank , -I, -H	MP
V58C2256164SH	16Mb×16	2.5	8K	4, 5, 6, 7	66L TSOP-II	blank , -I, -H	MP

128Mb Synchronous DDR DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V58C2128804SE	16Mb×8	2.5	4K	4, 5, 6, 7	66L TSOP-II	blank , -I, -H	MP
V58C2128164SE	8Mb×16	2.5	4K	4, 5, 6, 7	66L TSOP-II	blank , -I, -H	MP

SDRAM製品一覧

256Mb Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V54C3256804VH	32Mb×8	2.5	8K	6, 7, 7PC	54L TSOP-II	blank, -, +H	MP
V54C3256164VH	16Mb×16	2.5	8K	6, 7, 7PC	54L TSOP-II	blank, -, +H	MP

128Mb Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V54C3128804VE	32Mb×8	2.5	4K	6, 7, 7PC	54L TSOP-II	blank, -, +H	MP
V54C3128164VE	16Mb×16	2.5	4K	6, 7, 7PC	54L TSOP-II	blank, -, +H	MP

Mobile DDR

1Gb Mobile Synchronous DRAM							
Partnumber	Organization	Voltage	Ref	Speed	Package	Temperature	Production
V56C1G01164MC	64Mb×16	1.8V	8K	5, 6, 75	60B FBGA	blank, -, +H	MP

※Ver変更等ありますので、最新情報はお問い合わせください。