

>>公司简介 INTRODUCTION

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英尚国际有限公司是一家专业的静态随机内存产品及方案提供商,为客人提供性价比更高的产品和方案。公司 拥有较专业的市场服务人员,来为客户提供深层次的售前及售后服务。英尚国际以诚实守信、持续发展、开拓创新、 合作双赢为公司经营理念, 持续追求卓越!

深圳市英尚微电子有限公司是英尚国际有限公司在中国大陆设立的子公司,主要面向中国大陆客户,从事人民币结算。

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RAMSUN is a professional supplier of the SRAM(Static Random Access Memory)solution and the productswith the higher performance-price ratio to the customers.RAMSUN owns the professional market service staffsto offer the further before & after-sales service to the customers. RAMSUN engages in the business in the principal.

Shenzhen Ramsun Micro-electronincs Co., Ltd is the branch of Ramsun International Limited in the mainland of China. It serves the client located the mainland of China, and do business with RMB. of faith & credit, continuous development, creativity, cooperation & win-win.



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VT SRAM 静态随机存储器

Low Power SRAM 低功耗SRAM

Density	Org.	Part Number	VDD(V)	Option	Speed	Package Type	Status
CANAL	x 16	VTI164NA16LM	2.7~3.3	/	60,70	48BGA	MP
64Mb	x 16	VTI164LA16LM	2.7~3.3	/	60,70	48BGA	MP
22146	x 16	VTI132NA16LM	2.7~3.3	/	60,70	48BGA	MP
32Mb	x 16	VTI132LA16LM	2.7~3.3	/	60,70	48BGA	MP
	x 16	VTI116NA16LM	2.7~3.3	/	60,70	48BGA	MP
16Mb	x 16	VTI116LA16LM	2.7~3.3	/	60,70	48BGA	MP
	x16	VTI516NB16	3.3	2C/S	45/55	48BGA	MP
	x 16	VTI108NA16LM	2.7~3.3	/	60,70	48BGA	MP
	x 16	VTI108LA16LM	2.7~3.3	/	60,70	48BGA	MP
	x16	VTI508NL16	3.3	1C/S	45/55	44TSOP2/48BGA	MP
8Mb	x8	VTI508HB08	5	2C/S	45/55	44TSOP2/48BGA	MP
OIVID	x16	VTI508NB16	3.3	2C/S	45/55	44TSOP2/48BGA	MP
	x8	VTI508NB08	3.3	2C/S	45/55	44TSOP2/48BGA	MP
	x16	VTI508HB16	5	2C/S	45/55	48BGA	MP
	x16	VTI508HL16	5	1C/S	45/55	44TSOP2/48BGA	MP

VT SRAM 静态随机存储器

Low Power SRAM 低功耗SRAM

Density	Org.	Part Number	VDD(V)	Option	Speed	Package Type	Status
	x16	VTI504NL16	3.3	1C/S	45/55	44TSOP2/48BGA	MP
	x16	VTI504HB16	5	2C/S	45/55	44TSOP2	MP
4N4h	x8	VTI504HL08	5	1C/S	45/55	32SOP/32TSOP2/32TSOP1/32sTSOP1	MP
4Mb	x8	VTI504NL08	3.3	1C/S	45/55	32TSOP1/32sTSOP1/32SOP/32TSOP2	MP
	x16	VTI504HL16	5	1C/S	45/55	44TSOP2	MP
	x16	VTI504NB16	3.3	2C/S	45/55	48BGA/44TSOP2	MP
	х8	VTI502HB08	5	2C/S	45/55	32sTSOP1/32TSOP1/32SOP/32TSOP2	MP
	x8	VTI502NB08	3.3	2C/S	45/55	32sTSOP1/32TSOP1/32SOP/32TSOP2	MP
2Mb	x8	VTI502NL08	3.3	1C/S	45/55	36BGA	MP
ZIVID	x16	VTI502NB16	3.3	2C/S	45/55	48BGA	MP
	x16	VTI502NL16	3.3	1C/S	45/55	48BGA/44TSOP2	MP
	x16	VTI502HL16	5	1C/S	45/55	44TSOP2	MP
	x8	VTI501NB08	3.3	2C/S	45/55	32TSOP1/32sTSOP1/32SOP	MP
1Mb	x8	VTI501HB08	5	2C/S	45/55	32TSOP1/32sTSOP1/32SOP	MP
HVID	x16	VTI501NL16	3.3	1C/S	45/55	44TSOP2/48BGA	MP
	x16	VTI501HL16	5	1C/S	45/55	48BGA/44TSOP2	MP

JSC SRAM 静态随机存储器

Low Power SRAM 低功耗SRAM

Density	Org.	Part Number	Voltage	Option	Speed	Package Type	Status
0 N 4 la	x8	EM680FV8BU-55LF	2.7~3.6V	Dual CS	55ns	TSOPII 44L	MP
8Mb	x16	EM681FV16BU-55LF	2.7~3.6V	Single CS	55ns	TSOPII 44L	MP
	x8	EM641FT8S-55LF	5.0V	Single CS	55ns	STSOPI 32L	MP
4Mb	x8	EM641FV8FS-55LF	2.7~3.6V	Single CS	55ns	3130PI 32L	MP
41010	x16	EM643FV16FU-45LF	2.7~3.6V	Single CS / LBB,UBB	45ns	TCODII 441	MP
	x16	EM643FV16FU-55LF	2.7~3.6V	Single CS / LBB,UBB	55ns	TSOPII 44L	MP
	x8	EM620FV8BT-55LF	2.7~3.6V	Dual CS	55ns		MP
	x8	EM620FV8BS-55LF	2.7~3.6V	Dual CS	55ns	STSOPI 32L	MP
21.4h	x8	EM620FV8BS-70LF	2.7~3.6V	Dual CS	70ns		MP
2Mb	x16	EM620FV16BU-55LF	2.7~3.6V	Dual CS	55ns	TSOPII 44L	MP
	x16	EM621FV16BU-55LF	2.7~3.6V	Single CS	55ns	TSOPII 44L	MP
	x16	EM620FV16B-55LF	2.7~3.6V	Dual CS	55ns	BGA 48B	MP
	x8	EM610FV8S-55LF	2.7~3.6V	Dual CS	55ns	STSOPI 32L	MP
1Mb	x16	EM611FV16U-55LF	2.7~3.6V	Single CS	55ns	TSOPII 44L	MP
	x8	EM610FV8T-55LF	2.7~3.6V	Dual CS	55ns	TSOPI 32L	MP

Low Power SRAM 低功耗SRAM

Density	Org.	Part Number	Vdd(V)	Option	Speed	Package	Status
	x16	S6L8016W1M	5	1 C/S	45/55/70ns		MP
	x16	S6L8016W2M	2.3~3.6	2 C/S	45/55/70ns	44TSOP2	MP
	x16	S6L8016C1M	2.3~3.6	1 C/S	45/55/70ns	48 FBGA	MP
8Mb	x16	S6L8016C2M	5	2 C/S	45/55/70ns		MP
OIVID	x8	S6L8008W1M	5	1 C/S	45/55/70ns		MP
	x8	S6L8008W2M	2.3~3.6	2 C/S	45/55/70ns	44TSOP2 48 FBGA	MP
	x8	S6L8008C1M	2.3~3.6	1 C/S	45/55/70ns		MP
	x8	S6L8008C2M	5	2 C/S	45/55/70ns		MP
	x16	S6L4016W1M	2.3~3.6	1 C/S	45/55/70ns		MP
	x16	S6L4016W2M	2.3~3.6	2 C/S	45/55/70ns	44TSOP2	MP
	x16	S6L4016C1M	5	1 C/S	45/55/70ns	48 FBGA	MP
4Mb	x16	S6L4016C2M	5	2 C/S	45/55/70ns		MP
41010	x8	S6L4008W1M	2.3~3.6	1 C/S	45/55/70ns		MP
	x8	S6L4008W2M	2.3~3.6	2 C/S	45/55/70ns	32 sTSOP1	MP
	x8	S6L4008C1M	4.5~5.5	1 C/S	45/55/70ns	32 S13UP1	MP
	x8	S6L4008C2M	5	2 C/S	45/55/70ns		MP

Low Power SRAM 低功耗SRAM

Density	Org.	Part Number	Vdd(V)	Option	Speed	Package	Status
	x16	S6L2016W1M	2.3~3.6	1 C/S	45/55/70ns		MP
	16	S6L2016W2M	2.3~3.6	2 C/S	45/55/70ns	44TSOP2	MP
	x16	S6L2016C1M	5	1 C/S	45/55/70ns	48 FBGA	MP
2Mb	x16	S6L2016C2M	5	2 C/S	45/55/70ns		MP
ZIVID	x8	S6L2008W1M	2.3~3.6	1 C/S	45/55/70ns		MP
	x8	S6L2008W2M	2.3~3.6	2 C/S	45/55/70ns	32 sTSOP1	MP
	x8	S6L2008C1M	5	1 C/S	45/55/70ns		MP
	x8	S6L2008C2M	5	2 C/S	45/55/70ns		MP
	x16	S6L1016W1M	2.3~3.6	1 C/S	45/55/70ns		MP
	x16	S6L1016W2M	2.3~3.6	2 C/S	45/55/70ns	44TSOP2	MP
	x16	S6L1016C1M	5	1 C/S	45/55/70ns	48 FBGA	MP
1Mb	x16	S6L1016C2M	5	2 C/S	45/55/70ns		MP
TIVID	x8	S6L1008W1M	2.3~3.6	1 C/S	45/55/70ns		MP
	x8	S6L1008W2M	2.3~3.6	2 C/S	45/55/70ns	32 sTSOP1	MP
	x8	S6L1008C1M	5	1 C/S	45/55/70ns	32 TSOP1	MP
	x8	S6L1008C2M	5	2 C/S	45/55/70ns		MP

VTI SRAM 静态随机存储器

Async Fast SRAM 异步高速SRAM

Density	Org.	Part Number	VDD(V)	Speed	Package Type	Status
	x 8	VTI532LF08	1.8	8/10ns		MP
221.46	x 8	VTI532NF08	3.3	8/10ns	40TCOD1 /40DC A	MP
32Mb	x 16	VTI532LF16	1.8	8/10ns	48TSOP1/48BGA	MP
	x 16	VTI532NF16	3.3	8/10ns		MP
	x 8	VTI516LF08	1.8	8/10/12ns		MP
	x 8	VTI516NF08	3.3	8/10ns	44TSOP2/48BGA	MP
16Mb	x 8	VTI516HF08	5	8/10ns		MP
TOIVID	x 16	VTI516LF16	1.8	8/10/12ns		MP
	x 16	VTI516NF16	3.3	8/10ns	48TSOP1/48BGA	MP
	x 16	VTI516HF16	5	8/10ns		MP
	x 8	VTI508LF08	1.8	8/10/12ns		MP
	x 8	VTI508NF08	3.3	8/10ns		MP
8Mb	x 8	VTI508HF08	5	8/10ns	44TSOP2/48BGA	MP
OIVID	x 16	VTI508LF16	1.8	8/10/12ns	4413UPZ/40DUA	MP
	x 16	VTI508NF16	3.3	8/10ns		MP
	x 16	VTI508HF16	5	10ns		MP

VTI SRAM 静态随机存储器

Async Fast SRAM 异步高速SRAM

Density	Org.	Part Number	VDD(V)	Speed	Package Type	Status
	x 8	VTI504LF08	1.8	8/10/12ns		MP
	x 8	VTI504NF08	3.3	8/10ns	44TSOP2/36BGA	MP
4Mb	x 8	VTI504HF08	5	10ns		MP
41010	x 16	VTI504LF16	1.8	8/10/12ns		MP
	x 16	VTI504NF16	3.3	8/10ns	44TSOP2/48BGA	MP
	x 16	VTI504HF16	5	10ns		MP
	x 8	VTI502LF08	1.8	8/10/12ns	44TSOP2/36BGA	MP
	x 8	VTI502NF08	3.3	8/10ns		MP
2Mb	x 8	VTI502HF08	5	10ns		MP
ZIVID	x 16	VTI502LF16	1.8	8/10/12ns		MP
	x 16	VTI502NF16	3.3	8/10ns	44TSOP2/48BGA	MP
	x 16	VTI502HF16	5	10ns		MP
	x 8	VTI501LF08	1.8	8/10/12ns		MP
	x 8	VTI501NF08	3.3	8/10ns	32sTSOP1/36BGA	MP
1Mb	x 8	VTI501HF08	5	10ns		MP
TIVID	x 16	VTI501LF16	1.8	8/10/12ns		MP
	x 16	VTI501NF16	3.3	8/10ns	44TSOP2/48BGA	MP
	x 16	VTI501HF16	5	10ns		MP

Async Fast SRAM 异步高速SRAM

Density	Org.	Part Number	Vdd(V)	Access Time	Package	Status
22146	x16	S6R3216W1M	1.65~3.6	8/10/12/15ns	AOEDC A	MP
32Mb	x8	S6R3208W1M	1.65~3.6	8/10/12/15ns	48FBGA	MP
	x16	S6R1616W1M	1.65~3.6	8/10/12/15ns		MP
	x16	S6R1616V1M	3.3	8/10ns	48TSOP1 48FBGA	MP
16N/h	x16	S6R1616C1M	5.0	10ns		MP
16Mb	x8	S6R1608W1M	1.65~3.6	8/10/12/15ns		MP
	x8	S6R1608V1M	3.3	8/10ns	44TSOP2 48FBGA	MP
	x8	S6R1608C1M	5.0	10ns		MP
	x16	S6R8016W1A	1.65~3.6	8/10/12/15ns	44TSOP2	MP
0 N / Ib	x16	S6R8016C1A	5.0	10ns	48FBGA	MP
8Mb	x8	S6R8008W1A	1.65~3.6	8/10/12/15ns	44TSOP2	MP
	x8	S6R8008C1A	5.0	10ns	48FBGA	MP
	x16	S6R4016W1A	1.65~3.6	8/10/12/15ns		MP
4Mb	x16	S6R4016V1A	3.3	8/10ns	44TSOP2 48FBGA	MP
	x16	S6R4016C1A	5.0	10ns		MP

Async Fast SRAM 异步高速SRAM

Density	Org.	Part Number	Vdd(V)	Access Time	Package	Status
	x8	S6R4008W1A	1.65~3.6	8/10/12/15ns		MP
4Mb	x8	S6R4008V1A	3.3	8/10ns	44TSOP2 36FBGA	MP
	x8	S6R4008C1A	5	10ns		MP
	x16	S6R2016W1A	1.65~3.6	8/10/12/15ns		MP
	x16	S6R2016V1A	3.3	8/10ns	44TSOP2 48FBGA	MP
2Mb	x16	S6R2016C1A	5	10ns		MP
ZIVID	x8	S6R2008W1A	1.65~3.6	8/10/12/15ns		MP
	x8	S6R2008V1A	3.3	8/10ns	44TSOP2 36FBGA	MP
	x8	S6R2008C1A	5	10ns		MP
	x16	S6R1016W1A	1.65~3.6	8/10/12/15ns		MP
	x16	S6R1016V1A	3.3	8/10ns	44TSOP2 48FBGA	MP
1Mb	x16	S6R1016C1A	5	10ns		MP
TIVID	x8	S6R1008W1A	1.65~3.6	8/10/12/15ns		MP
	x8	S6R1008V1A	3.3	8/10ns	32sTSOP1 36FBGA	MP
	x8	S6R1008C1A	5	10ns		MP

SRAM 静态随机存储器

Serial SRAM 串口 SRAM

Density	Org.	Part Number	Vcc(V)	Speed(MHz)	Bus Modes	Package	Status
	x8	VTI7064LSM	1.8	104	SQI	8-SOIC	MP
6.4N.4h	x8	VTI7064LSM	1.8	20	SPI	8-SOIC	MP
64Mb	x8	VTI7064MSM	3	104	SQI	8-SOIC	MP
	x8	VTI7064MSM	3	20	SPI	8-SOIC	MP
32Mb	x8	VTI7032LSM	1.8	20	SPI	8-SOIC	MP
32IVID	x8	VTI7032LSM	1.8	133	SQI	8-SOIC	MP
16Mb	x8	VTI7016LSM	1.8	20	SPI	8-SOIC	MP
UOIVID	x8	VTI7016LSM	1.8	133	SQI	8-SOIC	MP
1Mb	x8	VTI7001LSM	1.8	20	SPI	8-SOIC	MP
TIVID	x8	VTI7001NSM	3.3	20	SPI	8-SOIC	MP
512Kb	x8	VTI7512LSM	1.8	20	SPI	8-SOIC	MP
312KD	x8	VTI7512NSM	3.3	20	SPI	8-SOIC	MP
256KP	x8	VTI7256LSM	1.8	20	SPI	8-SOIC	MP
256Kb	x8	VTI7256NSM	3.3	20	SPI	8-SOIC	MP
128Kb	x8	VTI7128LSM	1.8	20	SPI	8-SOIC	MP
TZOND	x8	VTI7128NSM	3.3	20	SPI	8-SOIC	MP

SRAM 静态随机存储器

Serial SRAM 串口 SRAM

Density	Org.	Part Number	VDD(V)	Temp.	Package	Shipment	Status
	x8	IP12B512C-TU	2.7~3.6	-20°C + 70°C	TSSOP-8	Tube	MP
	x8	IP12B512C-TR	2.7~3.6	-20°C + 70°C	TSSOP-8	Tape & Reel	MP
	x8	IP12B512C-BW	2.7~3.6	-20°C + 70°C	Bare die	Wafer	MP
512Kb	x8	IP12B512I-TU	2.7~3.6	-20°C + 70°C	TSSOP-8	Tube	MP
	x8	IP12B512I-TR	2.7~3.6	-20°C + 70°C	TSSOP-8	Tube	MP
	x8	IP12B512I-BW	2.7~3.6	-20°C + 70°C	Bare die	Tape & Reel	MP
	x8	IP12B512C-TU	1.5~1.95	-20°C + 70°C	TSSOP-8	Tube	Sampling
	x8	IP12B256C-TU	2.7~3.6	-20°C + 70°C	TSSOP-8	Tape & Reel	MP
256Kb	x8	IP12B256C-TR	2.7~3.6	-20°C + 70°C	TSSOP-8	Tube	MP
	x8	IP12A256C-TR	1.5~1.95	-20°C + 70°C	TSSOP-8	Tube	Ask Sales
128Kb	x8	IP12B128C	2.7~3.6	-20°C + 70°C	/	/	Ask Sales
64Kb	x8	IP12B064C	2.7~3.6	-20°C + 70°C	/	/	Ask Sales

VTI SRAM 静态随机存储器

Sync High Speed SRAM 同步高速SRAM(SPB & SFT)

Density	Org.	Part number	Operating	VDD(V)	Speed	Package Type	Status
72N4b	x 36	VTI372NF36TM	SFT	3.3	133		MP
72Mb	x 18	VTI372NF18TM	SFT	3.3	133		MP
26N4h	x 36	VTI336NF36TM	SFT	3.3	133		MP
36Mb	x 18	VTI336NF18TM	SFT	3.3	133		MP
101/16	x 36	VTI318NF36TM	SFT	3.3	133		MP
18Mb	x 18	VTI318NF18TM	SFT	3.3	133		MP
01.4h	x 36	VTI309NF36TM	SFT	3.3	133		MP
9Mb	x 18	VTI309NF18TM	SFT	3.3	133		MP
41.4h	x 36	VTI304NF36TM	SFT	3.3	133		MP
4Mb	x 18	VTI304NF18TM	SFT	3.3	133	100TQFP	MP
72Mb	x 36	VTI372NP36TM	SPB	3.3	250	IUUIQFP	MP
/ ZIVID	x 18	VTI372NP18TM	SPB	3.3	250		MP
26N4b	x 36	VTI336NP36TM	SPB	3.3	250		MP
36Mb	x 18	VTI336NP18TM	SPB	3.3	250		MP
101/16	x 36	VTI318NP36TM	SPB	3.3	250		MP
18Mb	x 18	VTI318NP18TM	SPB	3.3	250		MP
9Mb	x 36	VTI309NP36TM	SPB	3.3	250		MP
SIVID	x 18	VTI309NP18TM	SPB	3.3	250		MP
4N4h	x 36	VTI304NP36TM	SPB	3.3	250		MP
4Mb	x 18	VTI304NP18TM	SPB	3.3	250		MP

Sync High Speed SRAM 同步高速SRAM(SPB & FT)

Density Org. Part Number Operating VDD(V) tCYC Access Time Package Status 72Mb x36 \$7A643630M \$PB 2.3~3.5 250MHz 2.6ns Region MP 36Mb x18 \$7A323630M \$PB 2.3~3.5 250MHz 2.6ns MP 18Mb x36 \$7A163630M \$PB 2.3~3.5 250MHz 2.6ns MP 18Mb x36 \$7A163630M \$PB 2.3~3.5 250MHz 2.6ns MP 9Mb x18 \$7A803630M \$PB 2.3~3.5 250MHz 2.6ns MP 9Mb x18 \$7A801830M \$PB 2.3~3.5 250MHz 2.6ns MP 4Mb x18 \$7A801830M \$PB 2.3~3.5 250MHz 2.6ns MP 4Mb x18 \$7A801830M \$PB 2.3~3.5 250MHz 2.6ns MP 4Mb x18 \$786436355M FT 2.3~3.5 133MHz		•							
72Mb x18 \$77641830M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 36Mb x36 \$73323630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 18Mb x18 \$734163630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 18Mb x36 \$73403630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 9Mb x36 \$73403630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 4Mb x36 \$73403630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 72Mb x36 \$73643635M FT \$2.3~3.5 \$133MHz 6.5ns <td< th=""><th>Density</th><th>Org.</th><th>Part Number</th><th>Operating</th><th>VDD(V)</th><th>tCYC</th><th>Access Time</th><th>Package</th><th>Status</th></td<>	Density	Org.	Part Number	Operating	VDD(V)	tCYC	Access Time	Package	Status
36Mb x36 S7A641830M SPB 2.3~3.5 250MHz 2.6ns MP 36Mb x36 S7A323630M SPB 2.3~3.5 250MHz 2.6ns MP 18Mb x36 S7A163630M SPB 2.3~3.5 250MHz 2.6ns MP 9Mb x36 S7A803630M SPB 2.3~3.5 250MHz 2.6ns MP 9Mb x36 S7A803630M SPB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 S7A403630M SPB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 S7A403630M SPB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 S7B43635M FT 2.3~3.5 133MHz 6.5ns MP 72Mb x36 S7B43635M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x38 S7B323635M FT 2.3~3.5 133MHz 6.5ns MP 18M	721.46	x36	S7A643630M	SPB	2.3~3.5	250MHz	2.6ns		MP
36Mb x18 \$77A321830M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 18Mb x36 \$77A163630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 9Mb x36 \$77A803630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 9Mb x36 \$77A803630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 4Mb x36 \$77A801830M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 4Mb x36 \$77A403630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 4Mb x36 \$77A403630M \$PB \$2.3~3.5 \$250MHz \$2.6ns \$MP 4Mb x36 \$77B643635M FT \$2.3~3.5 \$133MHz \$6.5ns \$MP 4Mb x36 \$78323635M FT \$2.3~3.5 \$133MHz \$6.5ns \$MP 4Mb x36 \$78163635M FT \$2.3~3.5 \$133MHz \$6.5ns	/ ZIVID	x18	S7A641830M	SPB	2.3~3.5	250MHz	2.6ns		MP
18Mb x36 S7A321830M SPB 2.3~3.5 250MHz 2.6ns MP 18Mb x36 S7A163630M SPB 2.3~3.5 250MHz 2.6ns MP 9Mb x36 S7A803630M SPB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 S7A801830M SPB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 S7A403630M SPB 2.3~3.5 250MHz 2.6ns MP 72Mb x36 S7B643635M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x36 S7B641835M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x36 S7B323635M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 S7B163635M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP 9M	26N4b	x36	S7A323630M	SPB	2.3~3.5	250MHz	2.6ns		MP
18Mb x18 \$7A161830M \$SPB \$2.3~3.5 \$250MHz \$2.6ns 9Mb x36 \$57A803630M \$SPB \$2.3~3.5 \$250MHz \$2.6ns 4Mb x18 \$57A801830M \$SPB \$2.3~3.5 \$250MHz \$2.6ns 4Mb x36 \$57A403630M \$SPB \$2.3~3.5 \$250MHz \$2.6ns 4Mb x36 \$57B643635M \$FT \$2.3~3.5 \$250MHz \$2.6ns 72Mb x36 \$57B643635M \$FT \$2.3~3.5 \$133MHz \$6.5ns 36Mb x36 \$57B323635M \$FT \$2.3~3.5 \$133MHz \$6.5ns 36Mb x36 \$57B323635M \$FT \$2.3~3.5 \$133MHz \$6.5ns MP 18Mb x36 \$57B163635M \$FT \$2.3~3.5 \$133MHz \$6.5ns MP MP x36 \$57B803635M \$FT \$2.3~3.5 \$133MHz \$6.5ns MP MP	SOIVID	x18	S7A321830M	SPB	2.3~3.5	250MHz	2.6ns		MP
9Mb x36 \$7A803630M \$PB 2.3~3.5 250MHz 2.6ns MP 9Mb x36 \$7A803630M \$PB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 \$7A403630M \$PB 2.3~3.5 250MHz 2.6ns MP 4Mb x36 \$7A403630M \$PB 2.3~3.5 250MHz 2.6ns MP 72Mb x36 \$7B643635M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x36 \$7B323635M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x36 \$7B323635M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 \$7B163635M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 \$7B803635M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 \$7B803635M FT 2.3~3.5 133MHz 6.5ns MP 4Mb </td <th>10146</th> <td>x36</td> <td>S7A163630M</td> <td>SPB</td> <td>2.3~3.5</td> <td>250MHz</td> <td>2.6ns</td> <td></td> <td>MP</td>	10146	x36	S7A163630M	SPB	2.3~3.5	250MHz	2.6ns		MP
9Mb x18 S7A801830M SPB 2.3~3.5 250MHz 2.6ns 4Mb x36 S7A403630M SPB 2.3~3.5 250MHz 2.6ns x18 S7A401830M SPB 2.3~3.5 250MHz 2.6ns 72Mb x36 S7B643635M FT 2.3~3.5 133MHz 6.5ns 36Mb x18 S7B641835M FT 2.3~3.5 133MHz 6.5ns 36Mb x18 S7B323635M FT 2.3~3.5 133MHz 6.5ns MP x36 S7B163635M FT 2.3~3.5 133MHz 6.5ns MP x36 S7B163635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B161835M FT 2.3~3.5 133MHz 6.5ns MP x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP	ΙΟΙΝΙΟ	x18	S7A161830M	SPB	2.3~3.5	250MHz	2.6ns		MP
4Mb x36 \$7A801830M \$PB 2.3~3.5 250MHz 2.6ns 4Mb x36 \$7A403630M \$PB 2.3~3.5 250MHz 2.6ns 72Mb x18 \$7A401830M \$PB 2.3~3.5 250MHz 2.6ns 72Mb x36 \$7B643635M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x36 \$7B323635M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 \$7B321835M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 \$7B163635M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 \$7B803635M FT 2.3~3.5 133MHz 6.5ns MP 4Mh	01.4h	x36	S7A803630M	SPB	2.3~3.5	250MHz	2.6ns		MP
4Mb x18 S7A401830M SPB 2.3~3.5 250MHz 2.6ns 72Mb x36 S7B643635M FT 2.3~3.5 133MHz 6.5ns x18 S7B641835M FT 2.3~3.5 133MHz 6.5ns 36Mb x36 S7B323635M FT 2.3~3.5 133MHz 6.5ns x18 S7B321835M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 S7B163635M FT 2.3~3.5 133MHz 6.5ns MP y18 S7B161835M FT 2.3~3.5 133MHz 6.5ns MP y18 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP	SIVID	x18	S7A801830M	SPB	2.3~3.5	250MHz	2.6ns		MP
X18 S7A401830M SPB 2.3~3.5 250MHz 2.6ns 72Mb x36 S7B643635M FT 2.3~3.5 133MHz 6.5ns 36Mb x18 S7B323635M FT 2.3~3.5 133MHz 6.5ns 36Mb x36 S7B323635M FT 2.3~3.5 133MHz 6.5ns MP x36 S7B163635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B161835M FT 2.3~3.5 133MHz 6.5ns 9Mb x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 S7B403635M FT 2.3~3.5 133MHz 6.5ns	41.4h	x36	S7A403630M	SPB	2.3~3.5	250MHz	2.6ns		MP
72Mb x36 \$78643635M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x18 \$78323635M FT 2.3~3.5 133MHz 6.5ns MP x18 \$78321835M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 \$78163635M FT 2.3~3.5 133MHz 6.5ns MP y18 \$78161835M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 \$78803635M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 \$78801835M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 \$78403635M FT 2.3~3.5 133MHz 6.5ns MP	41010	x18	S7A401830M	SPB	2.3~3.5	250MHz	2.6ns	100TOED	MP
36Mb x18 S78641835M FT 2.3~3.5 133MHz 6.5ns MP 36Mb x36 S78163635M FT 2.3~3.5 133MHz 6.5ns MP x18 S78161835M FT 2.3~3.5 133MHz 6.5ns MP x36 S78801835M FT 2.3~3.5 133MHz 6.5ns MP	72N4h	x36	S7B643635M	FT	2.3~3.5	133MHz	6.5ns	TOUTQFP	MP
36Mb x18 S7B321835M FT 2.3~3.5 133MHz 6.5ns MP 18Mb x36 S7B163635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B161835M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 S7B403635M FT 2.3~3.5 133MHz 6.5ns MP	721010	x18	S7B641835M	FT	2.3~3.5	133MHz	6.5ns		MP
X18 S7B321835M F1 2.3~3.5 133MHz 6.5ns MP 18Mb x36 S7B161835M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP 4Mb	26N4h	x36	S7B323635M	FT	2.3~3.5	133MHz	6.5ns		MP
18Mb x18 S7B161835M FT 2.3~3.5 133MHz 6.5ns MP 9Mb x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 S7B403635M FT 2.3~3.5 133MHz 6.5ns MP	SOIVID	x18	S7B321835M	FT	2.3~3.5	133MHz	6.5ns		MP
9Mb x36 S7B803635M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 S7B403635M FT 2.3~3.5 133MHz 6.5ns MP	101/16	x36	S7B163635M	FT	2.3~3.5	133MHz	6.5ns		MP
9Mb x18 S7B801835M FT 2.3~3.5 133MHz 6.5ns MP 4Mb x36 S7B403635M FT 2.3~3.5 133MHz 6.5ns MP	ΙΟΙΝΙΟ	x18	S7B161835M	FT	2.3~3.5	133MHz	6.5ns		MP
x18	QN/b	x36	S7B803635M	FT	2.3~3.5	133MHz	6.5ns		MP
AMA	SIVID	x18	S7B801835M	FT	2.3~3.5	133MHz	6.5ns		MP
x18 S7B401835M FT 2.3~3.5 133MHz 6.5ns MP	4N/h	x36	S7B403635M	FT	2.3~3.5	133MHz	6.5ns		MP
	41010	x18	S7B401835M	FT	2.3~3.5	133MHz	6.5ns		MP

VTI SRAM 静态随机存储器

Sync High Speed SRAM 同步高速SRAM(NT_SPB & NT_FT)

Density	Org.	Part number	Operating	VDD(V)	Speed	Package Type	Status
72Mb	x36	VTI372NA36TM	NT_SPB	3.3	250	100TQFP	MP
/ ZIVID	x36	VTI372NA36LM	NT_SPB	3.3	250	165FBGA	MP
72Mb	x18	VTI372NA18TM	NT_SPB	3.3	250	100TQFP	MP
/ ZIVID	x18	VTI372NA18LM	NT_SPB	3.3	250	165FBGA	MP
36Mb	x36	VTI336NA36TM	NT_SPB	3.3	250	100TQFP	MP
SOIVID	x36	VTI336NA36LM	NT_SPB	3.3	250	165FBGA	MP
36Mb	x18	VTI336NA18TM	NT_SPB	3.3	250	100TQFP	MP
JOIVID	x18	VTI336NA18LM	NT_SPB	3.3	250	165FBGA	MP
18Mb	x36	VTI318NA36TM	NT_SPB	3.3	250	100TQFP	MP
IOIVID	x36	VTI318NA36LM	NT_SPB	3.3	250	165FBGA	MP
18Mb	x18	VTI318NA18TM	NT_SPB	3.3	250	100TQFP	MP
TOIVID	x18	VTI318NA18LM	NT_SPB	3.3	250	165FBGA	MP
9Mb	x36	VTI309NA36TM	NT_SPB	3.3	250		MP
SIVID	x18	VTI309NA18TM	NT_SPB	3.3	250		MP
4Mb	x36	VTI304NA36TM	NT_SPB	3.3	250		MP
41110	x18	VTI304NA18TM	NT_SPB	3.3	250		MP
72Mb	x36	VTI372NB36TM	NT_FT	3.3	133		MP
/ ZIVID	x18	VTI372NB18TM	NT_FT	3.3	133		MP
36Mb	x36	VTI336NB36TM	NT_FT	3.3	133	100TOFP	MP
SOIVID	x18	VTI336NB18TM	NT_FT	3.3	133	IUUIQFP	MP
18Mb	x36	VTI318NB36TM	NT_FT	3.3	133		MP
UOIVID	x18	VTI318NB18TM	NT_FT	3.3	133		MP
9Mb	x36	VTI309NB36TM	NT_FT	3.3	133		MP
SIVID	x18	VTI309NB18TM	NT_FT	3.3	133		MP
4Mb	x36	VTI304NB36TM	NT_FT	3.3	133		MP
41110	x18	VTI304NB18TM	NT_FT	3.3	133		MP

Sync High Speed SRAM 同步高速SRAM(NT_SPB & NT_FT)

Density	Org.	Part Number	Operating	VDD(V)	tCYC	Access Time	Package	Status
721.4la	2Mx36	S7N643631M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
72Mb	4Mx18	S7N641831M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
36Mb	1Mx36	S7N323631M	NT_SPB	2.3~3.5	250MHz	2.6ns	100TQFP	MP
SOIVID	2Mx18	S7N321831M	NT_SPB	2.3~3.5	250MHz	2.6ns	165FBGA	MP
18Mb	512Kx36	S7N163631M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
TOIVID	1Mx18	S7N161831M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
9Mb	256Kx36	S7N803631M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
SIVID	512Kx18	S7N801831M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
4Mb	128Kx36	S7N403631M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
41010	256Kx18	S7N401831M	NT_SPB	2.3~3.5	250MHz	2.6ns		MP
72Mb	x36	S7M643635M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
/ ZIVID	x18	S7M641835M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
36Mb	x36	S7M323635M	NT_FT	2.3~3.5	133MHz	6.5ns	100TQFP	MP
SOIVID	x18	S7M321835M	NT_FT	2.3~3.5	133MHz	6.5ns	IUUTQFF	MP
18Mb	x36	S7M163635M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
TOIVID	x18	S7M161835M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
9Mb	x36	S7M803635M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
SIVID	x18	S7M801835M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
4Mb	x36	S7M403635M	NT_FT	2.3~3.5	133MHz	6.5ns		MP
41010	x18	S7M401835M	NT_FT	2.3~3.5	133MHz	6.5ns		MP

VT SRAM 静态随机存储器

Sync High Speed SRAM 同步高速SRAM(DDR II & DDR II+)

Density	Org.	Part Number	Operating	VDD(V)	Speed	Package Type	Status
72Mb	x36	VTI372LD36LM	DDR II	1.8	333,300,250	165FBGA	MP
/ ZIVID	x18	VTI372LD18LM	DDR II	1.8	333,300,250	165FBGA	MP
36Mb	x18	VTI336LD18LM	DDR II	1.8	333,300,250	165FBGA	MP
201/10	x36	VTI336LD36LM	DDR II	1.8	333,300,250	165FBGA	MP
18Mb	x36	VTI318LD36LM	DDR II	1.8	333,300,250	165FBGA	MP
TOIVID	x18	VTI318LD18LM	DDR II	1.8	333,300,250	165FBGA	MP
72Mb	x36	VTI372LE36LM	DDR II+	1.8	550,450,400,333	165FBGA	MP
721010	x18	VTI372LE18LM	DDR II+	1.8	550,450,400,333	165FBGA	MP
36Mb	x36	VTI336LE36LM	DDR II+	1.8	550,450,400,333	165FBGA	MP
JOIVID	x18	VTI336LE18LM	DDR II+	1.8	550,450,400,333	165FBGA	MP
18Mb	x36	VTI318LDE36LM	DDR II+	1.8	550,450,400,333	165FBGA	MP
TOIVID	x18	VTI318LE18LM	DDR II+	1.8	550,450,400,333	165FBGA	MP

Sync High Speed SRAM 同步高速SRAM(DDR II)

Density	Org.	Part Number	Operating Mode	VDD(V)	Cycle time (MHz)	Package	Status
	x36	S7I643682M	DDR II	1.8	333,300,250	165FBGA	MP
72N4h	x18	S7I641882M	DDR II	1.8	333,300,250	165FBGA	MP
72Mb	x36	S7I643684M	DDR II	1.8	333,300,250	165FBGA	MP
	x18	S7I641884M	DDR II	1.8	333,300,250	165FBGA	MP
	x36	S7I323682M	DDR II	1.8	333,300,250	165FBGA	MP
26N4h	x18	S7I321882M	DDR II	1.8	333,300,250	165FBGA	MP
36Mb	x36	S7I323684M	DDR II	1.8	333,300,250	165FBGA	MP
	x18	S7I321884M	DDR II	1.8	333,300,250	165FBGA	MP
	x36	S7I163682M	DDR II	1.8	333,300,250	165FBGA	MP
10N4h	x18	S7I161882M	DDR II	1.8	333,300,250	165FBGA	MP
18Mb	x36	S7I163684M	DDR II	1.8	333,300,250	165FBGA	MP
	x18	S7I161884M	DDR II	1.8	333,300,250	165FBGA	MP
72Mb	x36	S7J643682M	DDR II, SIO	1.8	333,300,250	165FBGA	MP
/ ZIVID	x18	S7J641882M	DDR II, SIO	1.8	333,300,250	165FBGA	MP
36Mb	x36	S7J323682M	DDR II, SIO	1.8	333,300,250	165FBGA	MP
UIVIOC	x18	S7J321882M	DDR II, SIO	1.8	333,300,250	165FBGA	MP
101/16	x36	S7J163682M	DDR II, SIO	1.8	333,300,250	165FBGA	MP
18Mb	x18	S7J161882M	DDR II, SIO	1.8	333,300,250	165FBGA	MP

Sync High Speed SRAM 同步高速SRAM(DDR II+)

Density	Org.	Part Number	Operating Mode	VDD(V)	Cycle time (MHz)	Package	Status
	x36	S7K6436T2M	DDR II+	1.8	550,450,400	165FBGA	MP
721.46	x18	S7K6418T2M	DDR II+	1.8	550,450,400	165FBGA	MP
72Mb	x36	S7K6436U2M	DDR II+	1.8	550,450,400	165FBGA	MP
	x18	S7K6418U2M	DDR II+	1.8	550,450,400	165FBGA	MP
	x36	S7K3236T2M	DDR II+	1.8	450,400,333	165FBGA	MP
2CN4b	x18	S7K3218T2M	DDR II+	1.8	450,400,333	165FBGA	MP
36Mb	x36	S7K3236U2M	DDR II+	1.8	550,450,400	165FBGA	MP
	x18	S7K3218U2M	DDR II+	1.8	550,450,400	165FBGA	MP
	x36	S7K1636T2M	DDR II+	1.8	450,400,333	165FBGA	MP
101/16	x18	S7K1618T2M	DDR II+	1.8	450,400,333	165FBGA	MP
18Mb	x36	S7K1636U2M	DDR II+	1.8	550,450,400	165FBGA	MP
	x18	S7K1618U2M	DDR II+	1.8	550,450,400	165FBGA	MP
	x36	S7L6436T2M	DDR II+, ODT	1.8	450,400,333	165FBGA	MP
72Mb	x18	S7L6418T2M	DDR II+, ODT	1.8	450,400,333	165FBGA	MP
/ ZIVID	x36	S7L6436U2M	DDR II+, ODT	1.8	550,450,400	165FBGA	MP
	x18	S7L6418U2M	DDR II+, ODT	1.8	550,450,400	165FBGA	MP
	x36	S7L3236T2M	DDR II+, ODT	1.8	450,400,333	165FBGA	MP
26N4h	x18	S7L3218T2M	DDR II+, ODT	1.8	450,400,333	165FBGA	MP
36Mb	x36	S7L3236U2M	DDR II+, ODT	1.8	550,450,400	165FBGA	MP
	x18	S7L3218U2M	DDR II+, ODT	1.8	550,450,400	165FBGA	MP
	x36	S7L1636T2M	DDR II+, ODT	1.8	450,400,333	165FBGA	MP
101/16	x18	S7L1618T2M	DDR II+, ODT	1.8	450,400,333	165FBGA	MP
18Mb	x36	S7L1636U2M	DDR II+, ODT	1.8	550,450,400	165FBGA	MP
	x18	S7L1618U2M	DDR II+, ODT	1.8	550,450,400	165FBGA	MP

VT SRAM 静态随机存储器

Sync High Speed SRAM 同步高速SRAM(QDR II & QDR II+)

Density	Org.	Part Number	Operating	VDD(V)	Speed	Package Type	Status
1 1 1 1 1 1 1	x36	VTI3AALF36LM	QDR II	1.8	333,300,250		MP
144Mb	x18	VTI3AALF18LM	QDR II	1.8	333,300,250		MP
1 1 1 1 1 1 1 1	x9	VTI3AALF09LM	QDR II	1.8	333,300,250		MP
144Mb	x36	VTI372LF36LM	QDR II	1.8	333,300,250		MP
72Mb	x18	VTI372LF18LM	QDR II	1.8	333,300,250		MP
/ ZIVID	x9	VTI372LF09LM	QDR II	1.8	333,300,250		MP
26N4h	x36	VTI336LF36LM	QDR II	1.8	333,300,250		MP
36Mb	x18	VTI336LF18LM	QDR II	1.8	333,300,250		MP
26N4h	x9	VTI336LF09LM	QDR II	1.8	333,300,250		MP
36Mb	x36	VTI318LF36LM	QDR II	1.8	333,300,250	165FBGA	MP
101/16	x18	VTI318LF18LM	QDR II	1.8	333,300,250	IOSEBUA	MP
18Mb	x9	VTI318LF09LM	QDR II	1.8	333,300,250		MP
144Mb	x36	VTI3AALG36LM	QDR II+	1.8	550,450,400,366,333		MP
1441010	x18	VTI3AALG18LM	QDR II+	1.8	550,450,400,366,333		MP
72Mb	x36	VTI372LG36LM	QDR II+	1.8	550,450,400,366,333		MP
/ ZIVID	x18	VTI372LG18LM	QDR II+	1.8	550,450,400,366,333		MP
26N4h	x36	VTI336LG36LM	QDR II+	1.8	550,450,400,366,333		MP
36Mb	x18	VTI336LG18LM	QDR II+	1.8	550,450,400,366,333		MP
10N/h	x36	VTI318LG36LM	QDR II+	1.8	550,450,400,366,333		MP
18Mb	x18	VTI318LG18LM	QDR II+	1.8	550,450,400,366,333		MP

Sync High Speed SRAM 同步高速SRAM(QDR I & QDR II)

Density	Org.	Part Number	Operating Mode	VDD(V)	Cycle time (MHz)	Package	Status
,		670162662N4					MP
	x36 x18	S7Q163662M	QDR I	1.8~2.5 1.8~2.5	167 167		MP MP
18Mb		S7Q161862M	QDR I				
	x36	S7Q163664M	QDR I	1.8~2.5	167		MP
	x18	S7Q161864M	QDR I	1.8~2.5	167		MP
	x36	S7R443682M	QDR II	1.8	333,300,250		MP
4.48.41	x18	S7R441882M	QDR II	1.8	333,300,250		MP
144Mb	x9	S7R440982M	QDR II	1.8	333,300,250		MP
	x36	S7R443684M	QDR II	1.8	333,300,250		MP
	x18	S7R441884M	QDR II	1.8	333,300,250		MP
	x36	S7R643682M	QDR II	1.8	333,300,250		MP
72Mb	x18	S7R641882M	QDR II	1.8	333,300,250		MP
	x9	S7R640982M	QDR II	1.8	333,300,250		MP
72Mb	x36	S7R643684M	QDR II	1.8	333,300,250	165FBGA	MP
7 21010	x18	S7R641884M	QDR II	1.8	333,300,250		MP
	x36	S7R323682M	QDR II	1.8	333,300,250		MP
	x18	S7R321882M	QDR II	1.8	333,300,250		MP
26N4h	x9	S7R320982M	QDR II	1.8	333,300,250		MP
36Mb	x36	S7R323684M	QDR II	1.8	333,300,250		MP
	x18	S7R321884M	QDR II	1.8	333,300,250		MP
	x9	S7R320984M	QDR II	1.8	333,300,250		MP
	x36	S7R163682M	QDR II	1.8	333,300,250		MP
	x18	S7R161882M	QDR II	1.8	333,300,250		MP
18Mb	x9	S7R160982M	QDR II	1.8	333,300,250		MP
	x36	S7R163684M	QDR II	1.8	333,300,250		MP
	x18	S7R161884M	QDR II	1.8	333,300,250		MP

Sync High Speed SRAM 同步高速SRAM(QDR II+, 2.0 CL)

Density	Org.	Part Number	Operating Mode	VDD(V)	Cycle time (MHz)	Package	Status
1 4 4 5 4 6	4Mx36	S7S4436T4M	QDR II+	1.8	450,400,333	165FBGA	MP
144Mb	8Mx18	S7S4418T4M	QDR II+	1.8	450,400,333	165FBGA	MP
72Mb	2Mx36	S7S6436T4M	QDR II+	1.8	450,400,333	165FBGA	MP
/ ZIVID	4Mx18	S7S6418T4M	QDR II+	1.8	450,400,333	165FBGA	MP
36Mb	1Mx36	S7S3236T4M	QDR II+	1.8	450,400,333	165FBGA	MP
SOIVID	2Mx18	S7S3218T4M	QDR II+	1.8	450,400,333	165FBGA	MP
101/16	512Kx36	S7S1636T4M	QDR II+	1.8	450,400,333	165FBGA	MP
18Mb	1Mx18	S7S1618T4M	QDR II+	1.8	450,400,333	165FBGA	MP
	4Mx36	S7T4436T2M	QDR II+, ODT	1.8	400,357,333	165FBGA	MP
144Mb	8Mx18	S7T4418T2M	QDR II+, ODT	1.8	400,357,333	165FBGA	MP
1441010	4Mx36	S7T4436T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
	8Mx18	S7T4418T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
	2Mx36	S7T6436T2M	QDR II+, ODT	1.8	400,357,333	165FBGA	MP
72Mb	4Mx18	S7T6418T2M	QDR II+, ODT	1.8	400,357,333	165FBGA	MP
/ ZIVID	2Mx36	S7T6436T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
	4Mx18	S7T6418T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
26N4h	1Mx36	S7T3236T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
36Mb	2Mx18	S7T3218T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
10N/h	512Kx36	S7T1636T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP
18Mb	1Mx18	S7T1618T4M	QDR II+, ODT	1.8	450,400,333	165FBGA	MP

Sync High Speed SRAM 同步高速SRAM(QDR II+, 2.5 CL)

Density	Org.	Part Number	Operating Mode	VDD(V)	Cycle time (MHz)	Package	Status
	4Mx36	S7S4436U2M	QDR II+	1.8	450,400,366	165FBGA	MP
1 1 1 1 1 1 1 1	8Mx18	S7S4418U2M	QDR II+	1.8	450,400,366	165FBGA	MP
144Mb	4Mx36	S7S4436U4M	QDR II+	1.8	550,450,400	165FBGA	MP
	8Mx18	S7S4418U4M	QDR II+	1.8	550,450,400	165FBGA	MP
	2Mx36	S7S6436U2M	QDR II+	1.8	450,400,366	165FBGA	MP
72Mb	4Mx18	S7S6418U2M	QDR II+	1.8	450,400,366	165FBGA	MP
/ ZIVID	2Mx36	S7S6436U4M	QDR II+	1.8	550,450,400	165FBGA	MP
	4Mx18	S7S6418U4M	QDR II+	1.8	550,450,400	165FBGA	MP
	1Mx36	S7S3236U2M	QDR II+	1.8	450,400,366	165FBGA	MP
36Mb	2Mx18	S7S3218U2M	QDR II+	1.8	450,400,366	165FBGA	MP
SOIVID	1Mx36	S7S3236U4M	QDR II+	1.8	550,450,400	165FBGA	MP
	2Mx18	S7S3218U4M	QDR II+	1.8	550,450,400	165FBGA	MP
18Mb	512Kx36	S7S1636U4M	QDR II+	1.8	550,450,400	165FBGA	MP
TOIVID	1Mx18	S7S1618U4M	QDR II+	1.8	550,450,400	165FBGA	MP
144Mb	4Mx36	S7T4436U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
1441010	8Mx18	S7T4418U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
72Mb	2Mx36	S7T6436U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
/ ZIVID	4Mx18	S7T6418U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
36Mb	1Mx36	S7T3236U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
SOIVID	2Mx18	S7T3218U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
10N/h	512Kx36	S7T1636U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP
18Mb	1Mx18	S7T1618U4M	QDR II+, ODT	1.8	550,450,400	165FBGA	MP

JSC pSRAM 伪静态随机存储器

Density	Part number	Vcc(V)	Max Speed	DPD mode	Pacakge Type	Status
64Mb	EM7644SU16ASZP-70LF	3	70ns		48B FBGA 6x7mm	MP
	EM7324SP16BLP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
	EM7324SP16BMP-70LFx	1.8	70ns	х	48B FBGA 6x7mm	MP
	EM7324SP16BNP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
	EM7324SP16BPP-70LFx	1.8	70ns	х	48B FBGA 6x7mm	MP
	EM7324SP16BRP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
32Mb	EM7324SP16BSP-70LFx	1.8	70ns	х	48B FBGA 6x7mm	MP
32IVID	JS7324SV16BLY-70LFI	3	70ns	х		MP
	JS7324SV16BMI	3	70ns	0	KGD	MP
	JS7324SU16BSP-70LFI	1.8	133MHz		PKG	MP
	JS7324SU16BNP-70LF	3	70ns		PKG	MP
	JS7324SU16BN	3	70ns	0	KGD	MP
	EM784SP16BPP-70LF	1.8	133MHz		PKG	MP

JSC pSRAM 伪静态随机存储器

Density	Part number	Vcc(V)	Max Speed	DPD mode	Pacakge Type	Status
	EM7164SP16BLP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
	EM7164SP16BMP-70LFx	1.8	70ns	х	48B FBGA 6x7mm	MP
	EM7164SP16BNP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
	EM7164SP16BPP-70LFx	1.8	70ns	х	48B FBGA 6x7mm	MP
16Mb	EM7164SP16BRP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
TOIVID	EM7164SP16BSP-70LFx	1.8	70ns	x	48B FBGA 6x7mm	MP
	JS7164SV16BLY-70LFI	3	70ns	x		MP
	JS7164SU16BSP-70LFI	3	70ns	X		MP
	EM784SU16ASP-70LF	3	70ns		PKG	MP
	EM784SU16ANP-70LF	3	70ns		PKG	MP
	EM784SP16BLP-70LFx	1.8	70ns	X	48B FBGA 6x7mm	MP
	EM784SP16BMP-70LFx	1.8	70ns	Χ	48B FBGA 6x7mm	MP
	EM784SP16BNP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
8Mb	EM784SP16BPP-70LFx	1.8	70ns	X	48B FBGA 6x7mm	MP
OIVID	EM784SP16BRP-70LFx	1.8	70ns	0	48B FBGA 6x7mm	MP
	EM784SP16BSP-70LFx	1.8	70ns	X	48B FBGA 6x7mm	MP
	JS784SV16BLY-70LFI	3	70ns	X	48B FBGA 6x7mm	MP
	JS784SU16BSP-70LFI	1.8	70ns	X	48B FBGA 6x7mm	MP

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Density	Org.	Part Number	Voltage	Voltage Temp		Status
	x8	MR25H40CDC	3.3V	Industrial	8-DFN	MP
	x8	MR25H40CDF	3.3V	Industrial	8-DFN sf	MP
4Mb	x8	MR25H40MDF	3.3V	AEC-Q100 Grade 1	8-DFN sf	MP
	x8	MR25H40VDF	3.3V	Extended	8-DFN sf	MP
	x8	MR20H40CDF	3.3V	Industrial	8-DFN sf	MP
	x8	MR25H10CDC	3.3V	Industrial	8-DFN	MP
1Mb	x8	MR25H10CDF	3.3V	Industrial	8-DFN sf	MP
TIVID	x8	MR25H10MDC	3.3V	AEC-Q100 Grade 1	8-DFN	MP
	x8	MR25H10MDF	3.3V	AEC-Q100 Grade 1	8-DFN sf	MP
	x8	MR25H256CDC	3.3V	Industrial	8-DFN	MP
	x8	MR25H256CDF	3.3V	Industrial	8-DFN sf	MP
	x8	MR25H256ACDF	3.3V	Industrial	8-DFN sf	MP
256Kb	x8	MR25H256MDC	3.3V	AEC-Q100 Grade 1	8-DFN	MP
	x8	MR25H256MDF	3.3V	AEC-Q100 Grade 1	8-DFN sf	MP
	x8	MR25H256AMDF	3.3V	AEC-Q100 Grade 1	8-DFN sf	MP
	x8	MR25H256APDF	3.3V	AEC-Q100 Grade 3	8-DFN sf	MP
	x8	MR25H128ACDF	3.3V	Industrial	8-DFN sf	MP
128Kb	x8	MR25H128APDF	3.3V	Industrial	8-DFN sf	MP
	x8	MR25H128AMDF	3.3V	AEC-Q100 Grade 1	8-DFN sf	MP

Parellel MRAM 并口MRAM(x16)

Density	Org.	Part Number	Voltage	Temp	Pkg.	Status
	x16	MR4A16BYS35	3.3V	Commercial	54-TSOP	MP
	x16	MR4A16BMA35	3.3V	Commercial	48-BGA	MP
16Mb	x16	MR4A16BCYS35	3.3V	Industrial	54-TSOP	MP
	x16	MR4A16BCMA35	3.3V	Industrial	48-BGA	MP
	x16	MR4A16BUYS45	3.3v	Automotive	54-TSOP2	MP
	x16	MR2A16AYS35	3.3V	Commercial	44-TSOP	MP
	x16	MR2A16AMA35	3.3V	Commercial	48-BGA	MP
	x16	MR2A16ACYS35	3.3V	Industrial	44-TSOP	MP
4Mb	x16	MR2A16ACMA35	3.3V	Industrial	48-BGA	MP
	x16	MR2A16AVYS35	3.3V	Extended	44-TSOP	MP
	x16	MR2A16AVMA35	3.3V	Extended	48-BGA	MP
	x16	MR2A16AMYS35	3.3V	AEC-Q100 Grade 1	44-TSOP	MP
	x16	MR0A16AYS35	3.3V	Commercial	44-TSOP	MP
	x16	MR0A16AMA35	3.3V	Commercial	48-BGA	MP
	x16	MR0A16ACYS35	3.3V	Industrial	44-TSOP	MP
1Mb	x16	MR0A16ACMA35	3.3V	Industrial	48-BGA	MP
	x16	MR0A16AVYS35	3.3V	Extended	44-TSOP	MP
	x16	MR0A16AVMA35	3.3V	Extended	48-BGA	MP
	x16	MR0A16AMYS35	3.3V	AEC-Q100 Grade 1	44-TSOP	MP

Parellel MRAM 并口MRAM(x8)

Density	Org.	Part Number	Voltage	Temp	Pkg.	Status
	x8	MR4A08BYS35	3.3V	Commercial	44-TSOP	MP
	x8	MR4A08BMA35	3.3V	Commercial	48-BGA	MP
16Mb	x8	MR4A08BCYS35	3.3V	Industrial	44-TSOP	MP
	x8	MR4A08BCMA35	3.3V	Industrial	48-BGA	MP
	x8	MR4A08BUYS45	3.3v	Automotive	44-TSOP2	MP
	x8	MR2A08AYS35	3.3V	Commercial	44-TSOP	MP
	x8	MR2A08AMA35	3.3V	Commercial	48-BGA	MP
4Mb	x8	MR2A08ACYS35	3.3V	Industrial	44-TSOP	MP
	x8	MR2A08ACMA35	3.3V	Industrial	48-BGA	MP
	x8	MR2A08AMYS35	3.3V	AEC-Q100 Grade 1	44-TSOP	MP
	x8	MR0A08BYS35	3.3V	Commercial	44-TSOP	MP
	x8	MR0A08BMA35	3.3V	Commercial	48-BGA	MP
1Mb	x8	MR0D08BMA45	3.3VDD, 1.8VDDQ	Commercial	48-BGA	MP
TIVID	x8	MR0DL08BMA45	2.7-3.6VDD, 1.8VDDQ	Commercial	48-BGA	MP
	x8	MR0A08BCYS35	3.3V	Industrial	44-TSOP	MP
	x8	MR0A08BCMA35	3.3V	Industrial	48-BGA	MP
	x8	MR256A08BMA35	3.3V	Commercial	48-BGA	MP
	x8	MR256A08BYS35	3.3V	Commercial	44-TSOP	MP
256Kb	x8	MR256D08BMA45	3.3VDD, 1.8VDDQ	Commercial	48-BGA	MP
230KD	x8	MR256DL08BMA45	2.7-3.6VDD, 1.8VDDQ	Commercial	48-BGA	MP
	x8	MR256A08BCMA35	3.3V	Industrial	48-BGA	MP
	x8	MR256A08BCYS35	3.3V	Industrial	44-TSOP	MP

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Density	Part Number	VDD	VDDQ	Speed	Temp Rating	Package	Status
	MR10Q010SC	3.3V	1.8V	40MHz/104MHz	Commercial	16-SOIC	MP
	MR10Q010SCR	3.3V	1.8V	40MHz/104MHz	Commercial	16-SOIC	MP
	MR10Q010CSC	3.3V	1.8V	40MHz/104MHz	Industrial	16-SOIC	MP
	MR10Q010CSCR	3.3V	1.8V	40MHz/104MHz	Industrial	16-SOIC	MP
	MR10Q010MB	3.3V	1.8V	40MHz/104MHz	Commercial	24-BGA	MP
1Mb	MR10Q010MBR	3.3V	1.8V	40MHz/104MHz	Commercial	24-BGA	MP
TIVID	MR10Q010CMB	3.3V	1.8V	40MHz/104MHz	Industrial	24-BGA	MP
	MR10Q010CMBR	3.3V	1.8V	40MHz/104MHz	Industrial	24-BGA	MP
	MR10Q010VMB	3.3V	1.8V	40MHz/104MHz	Extended	24-BGA	MP
	MR10Q010VMBR	3.3V	1.8V	40MHz/104MHz	Extended	24-BGA	MP
	MR10Q010VSC	3.3V	1.8V	40MHz/104MHz	Extended	16-SOIC	MP
	MR10Q010VSCR	3.3V	1.8V	40MHz/104MHz	Extended	16-SOIC	MP

DDR3/DDR4 ST-MRAM

Density	Org.	Part Number	Voltage	Speed	Temp Rating	Package	Status
256Mb	x 16	EMD3D256M16G2-150CBS1T	1.5v +/- 0.075V	1333	0-85	BGA	MP
2301010	x 8	EMD3D256M08G1-150CBS1	1.5v +/- 0.075V	1333	0-85	BGA	MP

ES1GB-N03 nvNITRO™ PCIe HHHL Accelerator Card

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The ES1GB-N03 nvNITRO™ Accelerator Card is a PCIe HHHL card based on Everspin's STT-MRAM products and an NVMe protocol that delivers greater than 1.5 Million random write, write/read or read IOPS with 6µs latency. It supports full data integrity on a power failure and virtually unlimited endurance using Everspin nvNITRO™ Accelerators.

Highlights

- · 1GB storage capacity
- PCIe Gen3 x8, half-height, low profile card
- NVMe 1.1+ in block mode
- Memory mapped IO (MMIO) in byte mode
- Ultra-low access latency (as low as 2µS)
- Consistent latency (short tail)
- Customer-defined features using own RTL with programmable FPGA
- General purpose accelerator development platform with programmable onboard FPGA, Network SERDES, SATA, SODIMM etc.
- Development license for NVMe core IP



NAND Flash

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Density	Bus	Voltage	ECC	Package	Туре	Part number	Status
	x8	3.3V	4-bit	48 TSOP1	SLC	JS27HU4G08SDN-25	MP
4Gb	x16	3.3V	4-bit	48 TSOP1	SLC	JS27HU4G16SDN-25	MP
4GD	x8	3.3V	4-bit	63B	SLC	JS27HU4G08SDDA-25	MP
	x16	3.3V	4-bit	63B	SLC	JS27HU4G16SDDA-25	MP
	x8	3.3V	1-bit	48 TSOP1	SLC	JS27HU2G08SAN-25	MP
	x16	3.3V	1-bit	48 TSOP1	SLC	JS27HU2G16SAN-25	MP
	x8	3.3V	1-bit	63B	SLC	JS27HU2G08SADA-25	MP
	x16	3.3V	1-bit	63B	SLC	JS27HU2G16SADA-25	MP
2Gb	x8	3.3V	4-bit	48 TSOP1	SLC	JS27HU2G08SCN-25	MP
200	x16	3.3V	4-bit	48 TSOP1	SLC	JS27HU2G16SCN-25	MP
	x8	3.3V	4-bit	63B	SLC	JS27HU2G08SCDA-25	MP
	x8	3.3V	4-bit	63B	SLC	JS27HU2G08SDDA-25	MP
	x16	3.3V	4-bit	63B	SLC	JS27HU2G16SCDA-25	MP
	x8	1.8V	4-bit	63B	SLC	JS27HP2G08SCDA-45	MP

NAND Flash

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Density	Bus	Voltage	ECC	Package	Туре	Part number	Status
	x8	1.8V	1-bit	63B	SLC	JS27AP1G08SSDA-42	MP
	x16	1.8V	1-bit	63B	SLC	JS27AP1G16SSDA-42	MP
	x8	1.8V	1-bit	67B	SLC	JS27AP1G08SSDF-42	MP
	x8	3.3V	1-bit	48 TSOP1	SLC	JS27HU1G08SAN-25	MP
	x16	3.3V	1-bit	48 TSOP1	SLC	JS27HU1G16SAN-25	MP
	x8	3.3V	1-bit	63B	SLC	JS27HU1G08SADA-25	MP
1Gb	x16	3.3V	1-bit	63B	SLC	JS27HU1G16SADA-25	MP
IGD	x8	3.3V	1-bit	67B	SLC	JS27HU1G08SADF-25	MP
	x8	3.3V	4-bit	48 TSOP1	SLC	JS27HU1G08SCN-25	MP
	x16	3.3V	4-bit	48 TSOP1	SLC	JS27HU1G16SCN-25	MP
	x8	3.3V	4-bit	63B	SLC	JS27HU1G08SCDA-25	MP
	x16	3.3V	4-bit	63B	SLC	JS27HU1G16SCDA-25	MP
	x8	3.3V	4-bit	67B	SLC	JS27HU1G08SCDF-25	MP
	x8	1.8V	4-bit	63B	SLC	JS27HP1G08SCDA-45	MP

SPI Nor Flash

Density	Vcc(V)	Part Number	Speed	Temp.	Packages	Status
	2.3-3.6	XM25QH256B	133MHz	-40°C to +85°C	SOP-16 300, WSON 6x8 8L, KGD	MP
256Mb	1.65-1.95	XM25QU256B	108MHz	-40°C to +85°C	SOP-16 300, WSON 6x8 8L, KGD	MP
	1.65-3.6	XM25QW256C	108MHz	-40°C to +105°C	SOP-8 208, WSON 6x8 8L, WSON 5x6 8L	MP
	2.7-3.6	XM25QH128A	104MHz	-40°C to +85°C	SOP-8 208, WSON 5x6 8L, BGA24	MP
128Mb	1.65-1.95	XM25QU128C	104MHz	-40°C to +85°C	SOP-8 208, VSOP-8 208, WSON 5x6 8L	MP
	1.65-3.6	XM25QW128C	104MHz	-40°C to +105°C	SOP-8 208, VSOP-8 208, WSON 5x6 8L	MP
	2.7-3.6	XM25QH64A	104MHz	-40°C to +85°C	SOP-8 208, WSON 5x6 8L, BGA24	MP
64Mb	1.65-1.95	XM25QU64A	104MHz	-40°C to +85°C	SOP-8 208, VSOP-8 208, WSON 5x6 8L	MP
	1.65-3.6	XM25QW64C	108MHz	-40°C to +105°C	SOP-8 208, VSOP-8 208, WSON 5x6 8L	MP
	2.7-3.6	XM25QH32B	104MHz	-40°C to +85°C	SOP-8 208/150, USON 4x3 8L, WSON 5x6 8L	MP
32Mb	1.65-1.95	XM25QU32B	104MHz	-40°C to +85°C	SOP-8 208/150, USON 4x3 8L, WSON 5x6 8L	MP
	1.65-3.6	XM25QW32C	108MHz	-40°C to +105°C	SOP-8 208/150, USON 4x3 8L, WSON 5x6 8L	MP

SPI Nor Flash

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Density	Vcc(V)	Part Number	Speed	Temp.	Packages	Status
	2.7-3.6	XM25QH16B	104MHz	-40°C to +85°C	SOP-8 208/150, USON 4x3 8L, WSON 5x6 8L	MP
16Mb	1.65-1.95	XM25QU16B	104MHz	-40°C to +85°C	SOP-8 208, USON 4x3 8L, WSON 5x6 8L	MP
	1.65-3.6	XC25D16A	104MHz	-40°C to +85°C	SOP-8 208/150, 8-pin PDIP 300, WSON 6x5	MP
	2.7-3.6	XM25QH80B	104MHz	-40°C to +85°C	SOP-8 208/150, USON 2x3 8L, WSON 5x6 8L	MP
8Mb	1.65-1.95	XM25QU80B	104MHz	-40°C to +85°C	SOP-8 150, USON 2x3 8L, WSON 5x6 8L	MP
	2.7-3.6	XC25D80A	104MHz	-40°C to +85°C	SOP-8 208/150, 8-pin PDIP 300, WSON 6x5	MP
	2.7-3.6	XM25QH40B	104MHz	-40°C to +85°C	SOP-8 208/150, USON 2x3 8L, WSON 5x6 8L	MP
4Mb	1.65-1.95	XM25QU40B	104MHz	-40°C to +85°C	SOP-8 150, USON 2x3 8L, WSON 5x6 8L	MP
	1.65-1.95	XC25F40A	104MHz	-40°C to +85°C	SOP-8 150, 8 pins PDI	MP
2Mb	1.65-1.95	XM25QU20B	104MHz	-40°C to +85°C	SOP-8 150, USON 2x3 8L, WSON 5x6 8L	MP

UnilC DDR/DDR2/DDR3 SDRAM

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Density	Org.	Part Number	VDD(V)	Speed	Temp.	Package	Status
	x8	SCB25D1G800AF	2.5V	DDR-266/333/400	-40 ~ 85 °C	PG-TFBGA-60	M/P
	x16	SCB25D1G160AE	2.5V	DDR-266/333/400	-40 ~ 85 °C	PG-TFBGA-60	M/P
	x8	SCB25D1G800AE	2.5V	DDR-266/333/400	-40 ~ 85 ℃	TSOPII-66	M/P
1Gb	x16	SCB25D1G160AE	2.5V	DDR-266/333/400	-40 ~ 85 ℃	TSOPII-66	M/P
IGD	x8	SCB25D1G800AE	2.5V	DDR-266/333/400	0 ~ 70 ℃	TSOPII-66	M/P
	x16	SCB25D1G160AE	2.5V	DDR-266/333/400	0 ~ 70 ℃	TSOPII-66	M/P
	x8	SCB25D1G160AF	2.5V	DDR-266/333/400	0 ~ 70 ℃	PG-TFBGA-60	M/P
	x16	SCB25D1G800AF	2.5V	DDR-266/333/400	0 ~ 70 ℃	PG-TFBGA-60	M/P
2Gb	x8	SCB18T2G800AF	1.8V	DDR2-667/800/1066	0 ~ 95 ℃	PG-TFBGA-60	M/P
200	x16	SCB18T2G160AF	1.8V	DDR2-667/800/1066	0 ~ 95 ℃	PG-TFBGA-84	M/P
1Gb	x8	SCB18T1G800AF	1.8V	DDR2-667/800/1066	0 ~ 95 ℃	PG-TFBGA-60	M/P
IGD	x16	SCB18T1G160AF	1.8V	DDR2-667/800/1066	0 ~ 95 ℃	PG-TFBGA-84	M/P

UnilC DDR/DDR2/DDR3 SDRAM

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Density	Org.	Part Number	VDD(V)	Speed Temp.		Package	Status
2Ch	x8	SCB18T2G800AF	1.8V	DDR2-667/800/1066	-40 ~ 95 ℃	PG-TFBGA-60	M/P
2Gb	x16	SCB18T2G160AF	1.8V	DDR2-667/800/1066	-40 ~ 95 °C	PG-TFBGA-84	M/P
1Ch	x8	SCB18T1G800AF	1.8V	DDR2-667/800/1066	-40 ∼ 95 °C	PG-TFBGA-60	M/P
1Gb	x16	SCB18T1G160AF	1.8V	DDR2-667/800/1066	-40 ~ 95 ℃	PG-TFBGA-84	M/P
2Gb	x8	SCB15H2G800AF	1.5V	DDR3-1333/1600/1866	0 ~ 95 ℃	PG-TFBGA-78	M/P
200	x16	SCB15H2G160AF	1.5V	DDR3-1333/1600/1866	0 ~ 95 ℃	PG-TFBGA-96	M/P
1Gb	x8	SCB15H1G800AF	1.5V	DDR3-1333/1600/1866	0 ~ 95 ℃	PG-TFBGA-78	M/P
IGD	x16	SCB15H1G160AF	1.5V	DDR3-1333/1600/1866	0 ~ 95 ℃	PG-TFBGA-96	M/P
2Gb	x8	SCB15H2G800AF	1.5V	DDR3-1333/1600/1866	-40 ~ 95 ℃	PG-TFBGA-78	M/P
200	x16	SCB15H2G160AF	1.5V	DDR3-1333/1600/1866	-40 ~ 95 ℃	PG-TFBGA-96	M/P
1Gb	x8	SCB15H1G800AF	1.5V	DDR3-1333/1600/1866	-40 ~ 95 ℃	PG-TFBGA-78	M/P
IGD	x16	SCB15H1G160AF	1.5V	DDR3-1333/1600/1866	-40 ~ 95 ℃	PG-TFBGA-96	M/P

Etron SDR SDRAM >>>>目录页

Density	Org.	PART NO	Temp.	SPEED(ns)	VDD, INTERFACE	PACKAGE
		EM636165TS-XXG	0-70°	5, 6, 7	3.3V, LVTTL	50-pin TSOP2
16Mb	x16	EM636165TS-XXIG	-40°C to +125°C	6,7	3.3V, LVTTL	50-pin TSOP2
TOIVID	XIO	EM636165TC-XXAG	-40°C to +125°C	6,7	3.3V, LVTTL	50-pin TSOP2
		EM686165TS-XXG	0-70°	6, 7	1.8V, LVCMOS	50-pin TSOP2
		EM638165TS-XXG	0-70°	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
		EM638165BM-XXH	0-70°	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
		EM638165TS-XXIG	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
64Mb	x16	EM638165BM-XXIH	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
041010	X10	EM638165TS-XXAG	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
		EM638165BM-XXAH	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
		EM688165TS-XXG	0-70°	6, 7	1.8V, LVCMOS	54-pin TSOP2
		EM688165BM-XXH	0-70°	6, 7	1.8V, LVCMOS	54-ball FBGA (BM:8x8x1.2mm)

Etron SDR SDRAM >>>>目录页

Density	Org.	PART NO	Temp.	SPEED(ns)	VDD, INTERFACE	PACKAGE
		EM639165TS-XXG	0-70°	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
		EM639165BM-XXH	0-70°	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
	x16	EM639165TS-XXIG	-40°C to +85°C	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
		EM639165BM-XXIH	-40°C to +85°C	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
128Mb		EM639165TS-XXAG	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
IZOIVID		EM639165BM-XXAH	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
		EM639325TS-XXG	0-70°	5, 6, 7	3.3V, LVTTL	86-pin TSOP2
	x32	EM639325BK-XXH	0-70°	5, 6, 7	3.3V, LVTTL	90-ball FBGA (BK:8x13x1.2mm)
	X32	EM639325TS-XXIG	-40°C to +85°C	5, 6, 7	3.3V, LVTTL	86-pin TSOP2
		EM639325BK-XXIH	-40°C to +85°C	5, 6, 7	3.3V, LVTTL	90-ball FBGA (BK:8x13x1.2mm)
		EM63A165TS-XXG	0-70°	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
		EM63A165BM-XXH	0-70°	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
256Mb	x16	EM63A165TS-XXIG	-40°C to +85°C	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
2301010	XIO	EM63A165BM-XXIH	-40°C to +85°C	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)
		EM63A165TS-XXAG	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-pin TSOP2
		EM63A165BM-XXAH	-40°C to +125°C	5, 6, 7	3.3V, LVTTL	54-ball FBGA (BM:8x8x1.2mm)

Etron DDR1 SDRAM >>>>目录页

DENSITY	Org.	PART NO	Temp.	SPEED(ns)	VDD, INTERFACE	PACKAGE
		EM6AB160TSE-XXG	0-70°	4, 5	2.5V, SSTL_2	66-pin TSOP2
		EM6AB160WKE-XXH	0-70°	4, 5	2.5V, SSTL_2	60-ball FBGA (WK:8x13x1.2mm)
	x16	EM6AB160TSE-XXIG	-40°C to +85°C	4, 5	2.5V, SSTL_2	66-pin TSOP2
	XIO	EM6AB160WKE-XXIH	-40°C to +85°C	4, 5	2.5V, SSTL_2	60-ball FBGA (WK:8x13x1.2mm)
		EM6AB160TSE-XXAG	-40°C to +125°C	4, 5	2.5V, SSTL_2	66-pin TSOP2
512Mb		EM6AB160WKE-XXAH	-40°C to +125°C	4, 5	2.5V, SSTL_2	60-ball FBGA (WK:8x13x1.2mm)
21/21/10		EM6AB080TSB-XXG	0-70°	4, 5	2.5V, SSTL_2	66-pin TSOP2
		EM6AB080WKB-XXH	0-70°	4, 5	2.5V, SSTL_2	60-ball FBGA (WK:8x13x1.2mm)
	x8	EM6AB080TSB-XXIG	-40°C to +85°C	4, 5	2.5V, SSTL_2	60-pin TSOP2
	X8	EM6AB080WKB-XXIH	-40°C to +85°C	4, 5	2.5V, SSTL_2	60-ball FBGA (WK:8x13x1.2mm)
		EM6AB080TSB-XXAG	-40°C to +125°C	4, 5	2.5V, SSTL_2	66-pin TSOP2
	'	EM6AB080WKB-XXAH	-40°C to +125°C	4, 5	2.5V, SSTL_2	60-ball FBGA (WK:8x13x1.2mm)

Etron DDR2 SDRAM

DENSITY	Org.	PART NO	TEMP	SPEED(ns)	VDD, INTERFACE	PACKAGE
256Mb	x16	EM68A16CBQC-XXH	0-70°	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (BQ:8x12.5x1.2mm)
2301010	XIO	EM68A16CBQC-XXIH	-40°C to +85°C	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (BQ:8x12.5x1.2mm)
		EM68B16CWQH-XXH	0-70°	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (WQ:8x12.5x1.2mm)
512Mb	x16	EM68B16CWQH-XXIH	-40°C to +85°C	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (WQ:8x12.5x1.2mm)
		EM68B16CWQH-XXAH	-40°C to +125°C	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (WQ:8x12.5x1.2mm)
	x16	EM68C16CWQE-XXH	0-70°	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (WQ:8x12.5x1.2mm)
1Ch	XIO	EM68C16CWQE-XXIH	-40°C to +85°C	1.8, 2.5, 3	1.8V, SSTL_18	84-ball FBGA (WQ:8x12.5x1.2mm)
1Gb	x8	EM68C08CWAE-XXH	0-70°	1.8, 2.5, 3	1.8V, SSTL_18	60-ball FBGA (WA:8x10x1.2mm)
	хо	EM68C08CWAE-XXIH	-40°C to +85°C	2.5, 3	1.8V, SSTL_18	60-ball FBGA (WA:8x10x1.2mm)

Etron DDR3 SDRAM >>>>目录页

DENSITY	ORG	PART NO	TEMP	SPEED(ns)	VDD, INTERFACE	PACKAGE
	x16	EM6GE16EWXD-XXH	0-70°	10, 12, 15	1.5V	96-ball FBGA
	x16	EM6GE16EWXD-XXIH	-40°C to +85°C	10, 12, 15	1.5V	96-ball FBGA
	x16	EM6GE16EWXD-XXAH	-40°C to +125°C	12, 15	1.5V	96-ball FBGA
	x16	EM6HE16EWXD-XXH	0-70°	12, 15	1.35V	96-ball FBGA
	x16	EM6HE16EWXD-XXIH	-40°C to +85°C	12, 15	1.35V	96-ball FBGA
4Gb	x16	EM6HE16EWXD-XXAH	-40°C to +125°C	12, 15	1.35V	96-ball FBGA
460	x8	EM6GE08EW8D-XXH	0-70°	10, 12, 15	1.5V	78-ball FBGA
	x8	EM6GE08EW8D-XXIH	-40°C to +85°C	10, 12, 15	1.5V	78-ball FBGA
	x8	EM6GE08EW8D-XXAH	-40°C to +125°C	12, 15	1.5V	78-ball FBGA
	x8	EM6HE08EW8D-XXH	0-70°	12, 15	1.35V	78-ball FBGA
	x8	EM6HE08EW8D-XXIH	-40°C to +85°C	12, 15	1.35V	78-ball FBGA
	x8	EM6HE08EW8D-XXAH	-40°C to +125°C	12, 15	1.35V	78-ball FBGA
	x16	EM6GD16EWKG-XXH	0-70°	10, 12, 15	1.5V	96-ball FBGA
	x16	EM6GD16EWKG-XXIH	-40°C to +85°C	10, 12, 15	1.5V	97-ball FBGA
2Gb	x16	EM6GD16EWKG-XXAH	-40°C to +125°C	12, 15	1.5V	98-ball FBGA
200	x16	EM6HD16EWKG-XXH	0-70°	12, 15	1.35V	99-ball FBGA
	x16	EM6HD16EWKG-XXIH	-40°C to +85°C	12, 15	1.35V	100-ball FBGA
	x16	EM6HD16EWKG-XXAH	-40°C to +125°C	12, 15	1.35V	101-ball FBGA

Etron DDR3 SDRAM >>>>目录页

DENSITY	ORG	PART NO	TEMP	SPEED(ns)	VDD, INTERFACE	PACKAGE
	x8	EM6GD08EWUG-XXH	0-70°	10, 12, 15	1.5V	78-ball FBGA
	8x	EM6GD08EWUG-XXIH	-40°C to +85°C	10, 12, 15	1.5V	78-ball FBGA
2Gb	x8	EM6GD08EWUG-XXAH	-40°C to +125°C	12, 15	1.5V	78-ball FBGA
200	8x	EM6HD08EWUG-XXH	0-70°	12, 15	1.35V	78-ball FBGA
	x8	EM6HD08EWUG-XXIH	-40°C to +85°C	12, 15	1.35V	78-ball FBGA
	8x	EM6HD08EWUG-XXAH	-40°C to +125°C	12, 15	1.35V	78-ball FBGA
	x16	EM6GC16EWKE-XXH	0-70°	10, 12, 15	1.5V	96-ball FBGA
	x16	EM6GC16EWKE-XXIH	-40°C to +85°C	10. 12, 15	1.5V	96-ball FBGA
	x16	EM6GC16EWKE-XXAH	-40°C to +125°C	12, 15	1.5V	96-ball FBGA
	x16	EM6HC16EWKE-XXH	0-70°	12, 15	1.35V	96-ball FBGA
	x16	EM6HC16EWKE-XXIH	-40°C to +85°C	12, 15	1.35V	96-ball FBGA
1Gb	x16	EM6HC16EWKE-XXAH	-40°C to +125°C	12, 15	1.35V	96-ball FBGA
IGD	x8	EM6GC08EWUD-XXH	0-70°	10, 12, 15	1.5V	78-ball FBGA
	x8	EM6GC08EWUD-XXIH	-40°C to +85°C	12, 15	1.5V	78-ball FBGA
	x8	EM6GC08EWUD-XXAH	-40°C to +125°C	12, 15	1.5V	78-ball FBGA
	8x	EM6HC08EWUD-XXH	0-70°	12, 15	1.35V	78-ball FBGA
	x8	EM6HC08EWUD-XXIH	-40°C to +85°C	12, 15	1.35V	78-ball FBGA
	x8	EM6HC08EWUD-XXAH	-40°C to +125°C	12, 15	1.35V	78-ball FBGA

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
N 4 N 4 2 2 E O O 2	MM32F003TW	TSSOP20	16KB	2KB	24MHz	16	1	1	1	MP
MM32F003	MM32F003NW	QFN20	16KB	2KB	24MHz	16	1	1	1	MP
	MM32F031F4P6	TSSOP20	16KB	4KB	72MHz	16	1	1	1	Ask sales
	MM32F031F4U6	QFN20	16KB	4KB	72MHz	16	1	1	1	Ask sales
	MM32F031K4U6	QFN32	16KB	4KB	72MHz	27	1	1	1	Ask sales
	MM32F031K4T6	LQFP32	16KB	4KB	72MHz	25	1	1	1	Ask sales
	MM32F031C4T6	LQFP48	16KB	4KB	72MHz	39	1	1	1	Ask sales
	MM32F031F6P6	TSSOP20	32KB	4KB	72MHz	16	1	1	1	MP
MM32F031	MM32F031F6U6	QFN20	32KB	4KB	72MHz	16	1	1	1	MP
	MM32F031K6U6	QFN32	32KB	4KB	72MHz	27	1	1	1	MP
	MM32F031K6T6	LQFP32	32KB	4KB	72MHz	25	1	1	1	MP
	MM32F031C6T6	LQFP48	32KB	4KB	72MHz	39	1	1	1	MP
	MM32F031K8U6	QFN32	64KB	8KB	72MHz	27	2	1	1	MP
	MM32F031K8T6	LQFP32	64KB	8KB	72MHz	25	2	1	1	MP
	MM32F031C8T6	LQFP48	64KB	8KB	72MHz	39	2	1	2	MP

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
	MM32L050TW	TSSOP20	32KB	4KB	48MHz	16	1	1	1	MP
NANA221.0E0	MM32L050NT	QFN32	32KB	4KB	48MHz	27	2	1	1	MP
MM32L050	MM32L050PT	LQFP32	32KB	4KB	48MHz	25	2	1	1	MP
	MM32L050PF	LQFP48	32KB	4KB	48MHz	39	2	1	1	MP
	MM32L051TW	TSSOP20	32KB	4KB	48MHz	16	1	1	2	MP
MM32L051	MM32L051NT	QFN32	32KB	4KB	48MHz	27	2	1	1	MP
IVIIVISZEOST	MM32L051PF	LQFP48	32KB	4KB	48MHz	39	2	1	1	MP
	MM32L051PT	LQFP32	32KB	4KB	48MHz	25	2	1	1	MP
MM32L052	MM32L052NT	QFN32	32KB	4KB	48MHz	27	2	1	2	MP
	MM32L052PT	LQFP32	32KB	4KB	48MHz	25	2	1	1	MP
	MM32L052PF	LQFP48	32KB	4KB	48MHz	39	2	1	1	MP

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
NANA221.0C1	MM32L061TW	TSSOP20	64KB	8KB	48MHz	16	1	1	1	MP
	MM32L061NT	QFN32	64KB	8KB	48MHz	27	2	1	1	MP
MM32L061	MM32L061PT	LQFP32	64KB	8KB	48MHz	25	2	1	1	MP
	MM32L061PF	LQFP48	64KB	8KB	48MHz	39	2	1	2	MP
	MM32L062TW	TSSOP20	64KB	8KB	48MHz	16	1	1	1	MP
MM32L062	MM32L062PT	LQFP32	64KB	8KB	48MHz	25	2	1	1	MP
IVIIVI52LU02	MM32L062NT	QFN32	64KB	8KB	48MHz	27	2	1	1	MP
	MM32L062PF	LQFP48	64KB	8KB	48MHz	39	2	1	2	MP
	MM32L072TW	TSSOP20	128KB	8KB	48MHz	16	1	1	1	MP
MM32L072	MM32L072NT	QFN32	128KB	8KB	48MHz	27	2	1	1	MP
IVIIVI3ZLU1Z	MM32L072PT	LQFP32	128KB	8KB	48MHz	25	2	1	1	MP
	MM32L072PF	LQFP48	128KB	8KB	48MHz	39	2	1	2	MP
	MM32L073TW	TSSOP20	128KB	8KB	48MHz	16	1	1	1	MP
MM32L073	MM32L073NT	QFN32	128KB	8KB	48MHz	27	2	1	1	MP
IVIIVI52LU75	MM32L073PT	LQFP32	128KB	8KB	48MHz	25	2	1	1	MP
	MM32L073PF	LQFP48	128KB	8KB	48MHz	39	2	1	2	MP

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
	MM32P021SE	SOP8	N	128B	16MHz	5	/	/	/	MP
MM32P021	MM32P021MN	MSOP10	N	128B	16MHz	7	/	/	/	MP
	MM32P021SR	SOP14	N	128B	16MHz	11	/	/	/	MP
NANA221A/OF1	MM32W051NTB	QFN32	32KB	4KB	48MHz	22	2	1	1	MP
MM32W051	MM32W051PFB	LQFP48	32KB	4KB	48MHz	28	2	1	1	MP
NANA 22VA/OG 2	MM32W062NTB	QFN32	64KB	8KB	48MHz	22	2	1	1	MP
MM32W062	MM32W062PFB	LQFP48	64KB	8KB	48MHz	28	2	1	1	MP
NANA221MO72	MM32W073NTB	QFN32	128KB	8KB	48MHz	22	2	1	1	MP
MM32W073	MM32W073PFB	LQFP48	128KB	8KB	48MHz	28	2	1	/ / / 1 1 1	MP

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
	MM32SPIN05TW	TSSOP20	32KB	4KB	72MHz	16	2	1	1	MP
	MM32SPIN05NT	QFN32	32KB	8KB	96MHz	27	2	1	1	MP
	MM32SPIN05PT	LQFP32	32KB	8KB	96MHz	25	2	1	1	MP
	MM32SPIN05PF	LQFP48	32KB	8KB	96MHz	39	2	1	2	MP
	MM32SPIN06NT	QFN32	64KB	8KB	96MHz	27	2	1	1	MP
	MM32SPIN06PF	LQFP48	64KB	8KB	96MHz	39	2	1	2	MP
	MM32SPIN07PF	LQFP48	128KB	8KB	96MHz	39	2	1	2	MP
MM32SPIN	MM32SPIN25TW	TSSOP20	32KB	4KB	96MHz	15	2	1	1	MP
	MM32SPIN25PT	LQFP32	32KB	4KB	96MHz	25	2	1	1	MP
	MM32SPIN25PF	LQFP48	32KB	4KB	96MHz	40	2	1	2	MP
	MM32SPIN27PT	LQFP32	128KB	8KB	96MHz	25	2	1	1	MP
	MM32SPIN27PF	LQFP48	128KB	8KB	96MHz	40	2	1	2	MP
	MM32SPIN27PS	LQFP64	128KB	8KB	96MHz	56	2	1	2	MP
	MM32SPIN222C	QFN32	64KB	8KB	96MHz	11	1	1	0	MP
	MM32SPIN220B	QFN32	64KB	8KB	96MHz	10	1	1	0	MP

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
	MM32F103K8U6	QFN32	64KB	20KB	96MHz	25	2	1	1	MP
	MM32F103K8T6	LQFP32	64KB	20KB	96MHz	23	2	1	1	MP
	MM32F103C8T6	LQFP48	64KB	20KB	96MHz	37	3	2	2	MP
	MM32F103R8T6	LQFP64	64KB	20KB	96MHz	51	3	2	2	MP
	MM32F103KBU6	QFN32	128KB	20KB	96MHz	25	2	1	1	MP
	MM32F103KBT6	LQFP32	128KB	20KB	96MHz	23	2	1	1	MP
	MM32F103CBT6	LQFP48	128KB	20KB	96MHz	37	3	2	2	MP
	MM32F103RBT6	LQFP64	128KB	20KB	96MHz	51	3	2	2	MP
MM32F103	MM32F103KCU6	QFN32	256KB	64KB	168MHz	25	5	1	2	MP
WIIVI32F 103	MM32F103KCT6	LQFP32	256KB	64KB	168MHz	23	5	1	2	MP
	MM32F103CCT6	LQFP48	256KB	64KB	168MHz	37	5	2	3	MP
	MM32F103RCT6	LQFP64	256KB	64KB	168MHz	51	8	2	3	MP
	MM32F103VCT6	LQFP100	256KB	64KB	168MHz	80	8	2	3	MP
	MM32F103KEU6	QFN32	512KB	128KB	168MHz	25	5	1	2	MP
	MM32F103KET6	LQFP32	512KB	128KB	168MHz	23	5	1	2	MP
	MM32F103CET6	LQFP48	512KB	128KB	168MHz	37	5	2	3	MP
	MM32F103RET6	LQFP64	512KB	128KB	168MHz	51	8	2	3	MP
	MM32F103VET6	LQFP100	512KB	128KB	168MHz	80	8	2	3	MP

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
	MM32L362NT	QFN32	64KB	20KB	96MHz	25	2	1	1	MP
N/N/1221.262	MM32L362PT	LQFP32	64KB	20KB	96MHz	5MHz 25 2 1 1 5 5MHz 23 2 1 1 5 5MHz 37 3 2 2 5 5MHz 25 2 1 1 5 5MHz 23 2 1 1 5 5MHz 23 2 1 1 5 5MHz 37 3 2 2 5 5MHz 51 3 2 2 5 5MHz 23 6 1 2 5 5 5MHz 37 8 2 3 5 5MHz 51 8 2 3	MP			
MM32L362	MM32L362PF	LQFP48	64KB	20KB	96MHz	37	3	2	2	MP
	MM32L362PS	LQFP64	64KB	20KB	96MHz	51	3	2	2	MP
	MM32L373NT	QFN32	128KB	20KB	96MHz	25	2	1	1	MP
MM32L373	MM32L373PT	LQFP32	128KB	20KB	96MHz	23	2	1	1	MP
	MM32L373PF	LQFP48	128KB	20KB	96MHz	37	3	2	2	MP
	MM32L373PS	LQFP64	128KB	20KB	96MHz	51	3	2	1 1 1 1 2 2 2 1 2 2 1 2 1 2 3 2 3 3 3 3	MP
	MM32L384NT	QFN32	256KB	64KB	96MHz	25	6	1	2	MP
	MM32L384PT	LQFP32	256KB	64KB	96MHz	23	6	1	2	MP
MM32L384	MM32L384PF	LQFP48	256KB	64KB	96MHz	37	8	2	3	MP
	MM32L384PS	LQFP64	256KB	64KB	96MHz	51	8	2	3	MP
	MM32L384PH	LQFP100	256KB	64KB	96MHz	80	8	1 1 2 2 2 1 2 2 1 2 1 2 3 2 3	MP	

Series	Part Number	Package	Flash	RAM	Max. Speed	GPIO	UART	I2C	SPI	Status
	MM32L395NT	QFN32	512KB	128KB	96MHz	25	6	1	2	MP
	MM32L395PT	LQFP32	512KB	128KB	96MHz	23	6	1	2	MP
MM32L395	MM32L395PF	LQFP48	512KB	128KB	96MHz	37	8	2	3	MP
	MM32L395PS	LQFP64	512KB	128KB	96MHz	51	8	2	3	MP
	MM32L395PH	LQFP100	512KB	128KB	96MHz	80	8	2	3	MP
N 4 N 4 D 2 N 4 D 6 D	MM32W362PFB	LQFP48	64KB	20KB	96MHz	27	3	2	1	MP
MM32W362	MM32W362PSB	LQFP64	64KB	20KB	96MHz	40	3	1 2 2 2	1	MP
N 4N 42 2\\ 4272	MM32W373PFB	LQFP48	128KB	20KB	96MHz	27	3	2	1	MP
MM32W373	MM32W373PSB	LQFP64	128KB	20KB	96MHz	40	3	2	1	MP
	MM32SPIN46PF	LQFP48	64KB	20KB	96MHz	37	3	2	2	MP
MM32SPIN	MM32SPIN47PF	LQFP48	128KB	20KB	96MHz	37	3	2	2	MP
	MM32SPIN48PS	LQFP64	256KB	64KB	120MHz	51	3	2	2	MP

Wafer/Die 裸片/晶圆

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Manufacturer	DRAM	Synch SRAM	Asynch SRAM	NAND Flash	NOR Flash	EEPROM	MRAM	FRAM & nvSRAM	Status
Atmel						$\sqrt{}$			Ask Sales
Cypress		\checkmark	V	\checkmark	$\sqrt{}$			$\sqrt{}$	Ask Sales
Everspin							$\sqrt{}$		Ask Sales
Microchip					$\sqrt{}$	\checkmark			Ask Sales
Micron	V			V	V				Ask Sales
Northrop Grumman						V			Ask Sales
Samsung	$\sqrt{}$			$\sqrt{}$					Ask Sales
ISSI	$\sqrt{}$	\checkmark	V	\checkmark	$\sqrt{}$				Ask Sales
Alliance	$\sqrt{}$	\checkmark	$\sqrt{}$						Ask Sales

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