

STATIC RAMS

ASYNCHRONOUS FAST SRAM

Size	Part Number	Organis.	Speed (ns)	V _{CC} Range	Feature	I _{CC} / Stby	Temp. Range (°C)	Package
256K	M638032-15E1	x8	15	3V ± 10%	Output Enable	130mA/500µA	0 to 70	SOJ28
	M638032-20E1	x8	20	3V ± 10%	Output Enable	115mA/500µA	0 to 70	SOJ28
	M628032-15E1	x8	15	5V ± 10%	Output Enable	160mA/1mA	0 to 70	SOJ28
	M628032-20E1	x8	20	5V ± 10%	Output Enable	160mA/1mA	0 to 70	SOJ28
1 Meg	M624256-17E1	x4	17	5V ± 10%	Output Enable	175mA/4mA	0 to 70	SOJ28
	M624256-20E1	x4	20	5V ± 10%	Output Enable	140mA/4mA	0 to 70	SOJ28
	M624256-25E1	x4	25	5V ± 10%	Output Enable	130mA/4mA	0 to 70	SOJ28
	M628128-17E1	x8	17	5V ± 10%	Output Enable	175mA/4mA	0 to 70	SOJ32
	M628128-20E1	x8	20	5V ± 10%	Output Enable	140mA/4mA	0 to 70	SOJ32
	M628128-25E1	x8	25	5V ± 10%	Output Enable	130mA/4mA	0 to 70	SOJ32

SYNCHRONOUS FAST SRAM

Size	Part Number	Organis.	Speed (ns)	V _{CC} Range	Feature	I _{CC} / Stby	Temp. Range (°C)	Package
1 Meg	M63532P-7LT1	x32	7	3.3 ± 0.3V	PC Cache	290mA/5mA	0 to 70	TQFP100
	M63532P-8LT1	x32	8	3.3 ± 0.3V	PC Cache	290mA/5mA	0 to 70	TQFP100
	M63532P-9LT1	x32	9	3.3 ± 0.3V	PC Cache	290mA/5mA	0 to 70	TQFP100

ZEROPOWER SRAM

Size	Part Number	Organis.	Speed (ns)	Vcc Range	Feature	Temperature Range (°C)	Package
16K	M48Z02-120PC1	x8	120	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP24
	M48Z02-150PC1	x8	150	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP24
	M48Z12-150PC1	x8	150	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP24
	M48Z02-150PC6	x8	150	5V + 10/-5%	10 Year Battery Life	-40 to 85	PCDIP24
	M48Z12-150PC6	x8	150	5V ± 10%	10 Year Battery Life	-40 to 85	PCDIP24
	M48Z02-200PC1	x8	200	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP24
	M48Z12-200PC1	x8	200	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP24
	M48Z02-200PC6	x8	200	5V + 10/-5%	10 Year Battery Life	-40 to 85	PCDIP24
	M48Z12-200PC6	x8	200	5V ± 10%	10 Year Battery Life	-40 to 85	PCDIP24
64K	M48Z58-70PC1	x8	70	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z58Y-70PC1	x8	70	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z59-70PC1	x8	70	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z59Y-70PC1	x8	70	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z08-100PC1	x8	100	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z09-100PC1	x8	100	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z18-100PC1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z19-100PC1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z18-100PC6	x8	100	5V ± 10%	10 Year Battery Life	-40 to 85	PCDIP28
	M48Z58Y-70MH1	x8	70	5V ± 10%	10 Year Battery Life	0 to 70	SOH28
	M48Z59Y-70MH1	x8	70	5V ± 10%	10 Year Battery Life	0 to 70	SOH28
	M48Z18-100MH1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	SOH28
256K	M48Z32-85PC1	x8	85	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z32Y-85PC1	x8	85	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z32-100PC1	x8	100	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z32Y-100PC1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48Z30-100PM1	x8	100	5V + 10/-5%	10 Year Battery Life	0 to 70	PMDIP28
	M48Z30Y-100PM1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	PMDIP28
1 Meg	M48Z128-85PM1	x8	85	5V + 10/-5%	10 Year Battery Life	0 to 70	PMDIP32
	M48Z128Y-85PM1	x8	85	5V ± 10%	10 Year Battery Life	0 to 70	PMDIP32
	M48Z128-120PM1	x8	120	5V + 10/-5%	10 Year Battery Life	0 to 70	PMDIP32
	M48Z128Y-120PM1	x8	120	5V ± 10%	10 Year Battery Life	0 to 70	PMDIP32
4 Meg	M48Z512-85PL1	x8	85	5V + 10/-5%	5 Year Battery Life	0 to 70	PMLDIP32
	M48Z512Y-85PL1	x8	85	5V ± 10%	5 Year Battery Life	0 to 70	PMLDIP32
	M48Z512-120PL1	x8	120	5V + 10/-5%	5 Year Battery Life	0 to 70	PMLDIP32
	M48Z512Y-120PL1	x8	120	5V ± 10%	5 Year Battery Life	0 to 70	PMLDIP32

STATIC RAMS

TIMEKEEPER SRAM

Size	Part Number	Organis.	Speed (ns)	V _{CC} Range	Feature	Temperature Range (°C)	Package
128K	M8T86-PC1	x8	-	5V ± 10%	PC Real Time Clock	0 to 70	PCDIP24
	M8T86-MH1	x8	-	5V ± 10%	PC Real Time Clock	0 to 70	SOH28
512	MK41T56N00	x8	-	5V ± 10%	Serial I2C Bus	0 to 70	PSDIP8
	MKI41T56S00	x8	-	5V ± 10%	Serial I2C Bus	-40 to 85	SO8
16K	M48T02-120PC1	x8	120	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP24
	M48T02-150PC1	x8	150	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP24
	M48T12-150PC1	x8	150	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP24
	M48T02-200PC1	x8	200	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP24
	M48T12-200PC1	x8	200	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP24
64K	M48T58-70PC1	x8	70	5V + 10/-5%	7 Year Battery Life	0 to 70	PCDIP28
	M48T58Y-70PC1	x8	70	5V ± 10%	7 Year Battery Life	0 to 70	PCDIP28
	M48T59-70PC1	x8	70	5V + 10/-5%	7 Year Battery Life	0 to 70	PCDIP28
	M48T59Y-70PC1	x8	70	5V ± 10%	7 Year Battery Life	0 to 70	PCDIP28
	M48T08-100PC1	x8	100	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48T18-100PC1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48T08-150PC1	x8	150	5V + 10/-5%	10 Year Battery Life	0 to 70	PCDIP28
	M48T18-150PC1	x8	150	5V ± 10%	10 Year Battery Life	0 to 70	PCDIP28
	M48T58Y-70MH1	x8	70	5V ± 10%	7 Year Battery Life	0 to 70	SOH28
	M48T59Y-70MH1	x8	70	5V ± 10%	7 Year Battery Life	0 to 70	SOH28
	M48T18-100MH1	x8	100	5V ± 10%	10 Year Battery Life	0 to 70	SOH28

SNAPHAT (Battery)

Part Number	Family	Description	Temperature Range (°C)	Matching Product	Package
M4T28-BR12SH1	TIMEKEEPER	Battery and Crystal Battery	0 to 70	M48T18 , M48T58 , M48T59	SH28
M4Z28-BR00SH1	ZEROPOWER		0 to 70	M48Z18 , M48Z58 , M48Z59	SH28