

High-Speed Static RAM

Memory size	Type No.	Organization	Speed (ns)	Cycle time (ns)	Power supply (V)	Maximum power consumption (mW)		No. of pins	Package width (inch)	Type
						Active	Standby			
16k bit	TMM2018AP-25	2,048 × 8	25	25	5V ± 10%	825	110	24	0.3	NMOS
	TMM2018AP-35		35	35		743				
	TMM2018AP-45		45	45		605				
	TMM2018AP-45L		45	45		605				
64k bit	TC5561P/J-45	65,536 × 1	45	45	5V ± 10%	550	0.55	22/24	0.3	CMOS
	TC5561P/J-55		55	55						
	TC5561P/J-70		70	70						
	TC5562P/J-35		35	35		550	11			
	TC5562P/J-45		45	45						
	TC55416P-15H	16,384 × 4	15	15	5V ± 10%	660	5.5	22	0.3	CMOS
	TC55416P-20H		20	20	550					
	TC55416P-20		20	20	5V ± 5%	630				
	TC55416P-25		25	25	660					
	TC55416P-35		35	35	5V ± 10%	550				
	TC55417P/J-15H		15	15	5V ± 10%	660	5.5	24	0.3	CMOS
	TC55417P/J-20H		20	20	550					
	TC55417P/J-20		20	20	5V ± 5%	630				
	TC55417P/J-25		25	25	660					
	TC55417P/J-35		35	35	5V ± 10%	550				
	TMM2088P-35		8,192 × 8	35	35	5V ± 10%	743	82.5	28	0.3
	TMM2088P-45	45		45	5V ± 10%	743	5.5	28	0.3	CMOS
	TC5588P/J-15	15		15		663				
	TC5588P/J-20	20		20						
	TC5588P/J-25	25		25						
	TC5588P/J-35	35		35						
72k bit	TMM2089P-35	8,192 × 9	35	35	5V ± 10%	743	82.5	28	0.3	NMOS
	TMM2089P-45		45	45	5V ± 10%	743	5.5	28	0.3	CMOS
	TC5589P/J-15		15	15		633				
	TC5589P/J-20		20	20						
	TC5589P/J-25		25	25						
	TC5589P/J-35		35	35						
144k bit	※ TC55187T-20	8,192 × 18 4,096 × 9 × 2way	20	20	5V ± 10%	1265	11	52	0.75	CMOS
	※ TC55187T-25		25	25		1210				
	※ TC55187T-30		30	30		1100				
	※ TC55188T-20		20	20		1265				
	※ TC55188T-25		25	25		1210				
	※ TC55188T-30		30	30		1100				
256K bit	※ TC55464P/J-17	65,536 × 4	17	17	5V ± 5%	630	5.5	24	0.3	CMOS
	※ TC55464P/J-20		20	20	5V ± 10%	660				
	※ TC55464P/J-25		25	25		550				
	※ TC55464P/J-35		35	35	5V ± 5%	630				
	※ TC55465P/J-17		17	17	5V ± 10%	660	5.5	28	0.3	CMOS
	※ TC55465P/J-20		20	20		550				
	※ TC55465P/J-25		25	25		660				
	※ TC55465P/J-35		35	35		550				
	※ TC55465P/J-17	32,768 × 8	17	17	5V ± 5%	735	5.5	28	0.3	CMOS
	※ TC55328P/J-20		20	20	5V ± 10%	770				
	※ TC55328P/J-25		25	25		660				
	※ TC55328P/J-35		35	35						
288k bit	※ TC55465P/J-17	32,768 × 9	17	17	5V ± 5%	735	5.5	32	0.3	CMOS
	※ TC55329P/J-20		20	20	5V ± 10%	770				
	※ TC55329P/J-25		25	25		660				
	※ TC55329P/J-35		35	35						

Package — P: Plastic DIP, J: SOJ

TC55417P/J: TC55416P with OE function

TC55465P/J: TC55464P/J with OE function

※: New product