

Pseudo Static RAM

X6

Capacity	Type No.	Organization	Max. Access Time (ns) *1	Min. Cycle Time (ns) *1	Power Supply	Max. Power Dissipation (mW)		No. of Pins	Package Width (inch)
						Active	Stand-by		
256K Bit	TC51832AP/ASP/AF-70	32,768 x 8	70	115	5V±10%	385	5.5	28	0.6 (P) 0.3 (SP) 0.45 (F)
	TC51832AP/ASP/AF-85		85	135		303			
	TC51832AP/ASP/AF-10		100	160		248			
	TC51832APL/ASPL/AFL-70		70	115		385	0.55		
	TC51832APL/ASPL/AFL-85		85	135		303			
	TC51832APL/ASPL/AFL-10		100	160		248			
512K Bit	TC51864PL/FL-85	65,536 x 8	65	135	5V±10%	385	0.55	32	0.6 (P) 0.525(F)
	TC51864PL/FL-10	100	160	330					
	TC511632FL/FTL-70	32,768 x 16	70	115		440		44	0.525 (F) TSOP-II 0.4 (FT)
	TC511632FL/FTL-85		85	135		385			
	TC511632FL/FTL-10		100	160		330			
1M Bit	TC518128AP/ASP/AF/AFW-80	131,072 x 8 (CE1, CE2 Type)	80	130	5V±10%	385	5.5	32	0.6(P) 0.3(SP) 0.45(F) 0.525(FW) TSOP-I 8X20mm (FT, TR)
	TC518128AP/ASP/AF/AFW-10		100	160		330			
	TC518128AP/ASP/AF/AFW-12		120	190		275			
	TC518128APL/ASPL/AFL/AFWL/AFTL/ATRL-80		80	130		385	1.1		
	TC518128APL/ASPL/AFL/AFWL/AFTL/ATRL-10		100	160		330			
	TC518128APL/ASPL/AFL/AFWL/AFTL/ATRL-12		120	190		275			
	TC518128APL/AFL/AFWL/AFTL/ATRL-80LV		80	130		385	1.1 (0.3)		
	TC518128APL/AFL/AFWL/AFTL/ATRL-10LV		100	160		330			
	TC518128APL/AFL/AFWL/AFTL/ATRL-12LV		120	190		275			
	TC518129AP/ASP/AF/AFW-80		131,072 x 8 (CE, CS Type)	80		130	5V±10%		
	TC518129AP/ASP/AF/AFW-10	100		160	330				
	TC518129AP/ASP/AF/AFW-12	120		190	275				
	TC518129APL/ASPL/AFL/AFWL/AFTL/ATRL-80	80		130	385	1.1			
	TC518129APL/ASPL/AFL/AFWL/AFTL/ATRL-10	100		160	330				
	TC518129APL/ASPL/AFL/AFWL/AFTL/ATRL-12	120		190	275				
	TC518129APL/AFL/AFWL/AFTL/ATRL-80LV	80		130	385	1.1 (0.3)			
	TC518129APL/AFL/AFWL/AFTL/ATRL-10LV	100		160	330				
	TC518129APL/AFL/AFWL/AFTL/ATRL-12LV	120		190	275				
	TC518128BPL/BSP/BFL/BFWL/BFTL/BTRL-70	131,072 x 8 (CE1, CE2 Type)		70	115	5V±10%			
	TC518128BPL/BSP/BFL/BFWL/BFTL/BTRL-80		80	130	330				
	TC518128BPL/BSP/BFL/BFWL/BFTL/BTRL-10		100	160	275				
	TC518128BPL/BSP/BFL/BFWL/BFTL/BTRL-70L		70	115	385		0.275		
	TC518128BPL/BSP/BFL/BFWL/BFTL/BTRL-80L		80	130	330				
	TC518128BPL/BSP/BFL/BFWL/BFTL/BTRL-10L		100	160	275				
	TC518128BPL/BFL/BFWL/BFTL/BTRL-70V		70	115	385		0.275 (0.075)		
	TC518128BPL/BFL/BFWL/BFTL/BTRL-80V		80	130	330				
	TC518128BPL/BFL/BFWL/BFTL/BTRL-10V		100	160	275				
	TC518129BPL/BSP/BFL/BFWL/BFTL/BTRL-70		131,072 x 8 (CE, CS Type)	70	115		5V±10%		
	TC518129BPL/BSP/BFL/BFWL/BFTL/BTRL-80	80		130	330				
	TC518129BPL/BSP/BFL/BFWL/BFTL/BTRL-10	100		160	275				
TC518129BPL/BSP/BFL/BFWL/BFTL/BTRL-70L	70	115		385	0.275				
TC518129BPL/BSP/BFL/BFWL/BFTL/BTRL-80L	80	130		330					
TC518129BPL/BSP/BFL/BFWL/BFTL/BTRL-10L	100	160		275					
TC518129BPL/BFL/BFWL/BFTL/BTRL-70V	70	115		385	0.275 (0.075)				
TC518129BPL/BFL/BFWL/BFTL/BTRL-80V	80	130		330					
TC518129BPL/BFL/BFWL/BFTL/BTRL-10V	100	160		275					
4M Bit	TC518512PL/FL/FTL/TRL-70	524,288 x 8		70	115	5V±10%		385	1.1
	TC518512PL/FL/FTL/TRL-80		80	130	330				
	TC518512PL/FL/FTL/TRL-10		100	160	275				
	TC518512PL/FL/FTL/TRL-70LV		70	115	385	1.1 (0.3)			
	TC518512PL/FL/FTL/TRL-80LV		80	130	330				
	TC518512PL/FL/FTL/TRL-10LV		100	160	275				

Note) Package P: Plastic DIP, F: Flat Package SOP, SP: Slim Plastic DIP, FT: TSOP (forward lead), TR: TSOP (reverse lead)

(): 3V

* New Product

*1: 5V±10%