

MOS Memory

CMOS Dynamic RAM

X6

Capacity	Type No.	Organization	Max. Access Time (ns)			Min. Cycle Time (ns)	Power Supply (V)	Max. Power Dissipation(mW)		No. of Pins	Functional Mode	
			t _{RAC}	t _{CAC}	t _{AA}			Active	Stand by			
1M Bt	TC511000AJ/AZ-70	1048576 X 1	70	20	35	130	5V±10%	440	5.5	26/20	Fast Page Mode	
	TC511000AJ/AZ-80		80	20	40	150		358				
	TC511000AJ/AZ-10		100	25	50	180		330				
	TC511000AJL/AZL-70		70	20	35	130		440	1.1 (200µA)		Fast Page Mode Low Power Version	
	TC511000AJL/AZL-80		80	20	40	150		358				
	TC511000AJL/AZL-10		100	25	50	180		330				
	TC511000BJ/BZ/BFT/BTR-60		60	20	30	110		495	5.5		26/20/24/24 24/24 TSOP-I 6 x 16 mm (FT, TR)	Fast Page Mode
	TC511000BFT/BTR-70		70	20	35	130		440				
	TC511000BFT/BTR-80		80	20	40	150		385				
	TC511000BFT/BTR-10		100	25	50	180		330	1.1 (200µA)		26/20/24/24 24/24 TSOP-I 6 x 16 mm (FT, TR)	Fast Page Mode Low Power Version
	TC511000BJL/BZL/BFTL/BTRL-60	60	20	30	110	495						
	TC511000BFTL/BTRL-70	70	20	35	130	440						
	TC511000BFTL/BTRL-80	80	20	40	150	385	1.1 (200µA)	26/20/24/24 24/24 TSOP-I 6 x 16 mm (FT, TR)	Fast Page Mode Low Power Version			
	TC511000BFTL/BTRL-10	100	25	50	180	330						
	TC514256AJ/AZ-70	70	20	35	130	440				5.5	26/20	Fast Page Mode
	TC514256AJ/AZ-80	80	20	40	150	358						
	TC514256AJ/AZ-10	100	25	50	180	330						
	TC514256AJL/AZL-70	70	20	35	130	440	1.1 (200µA)	26/20	Fast Page Mode Low Power Version			
	TC514256AJL/AZL-80	80	20	40	150	358						
	TC514256AJL/AZL-10	100	25	50	180	330						
	TC514256BJ/BZ/BFT/BTR-60	60	20	30	110	495	5.5	26/20/24/24 24/24 TSOP-I 6 x 16mm (FT, TR)	Fast Page Mode			
	TC514256BFT/BTR-70	70	20	35	130	440						
	TC514256BFT/BTR-80	80	20	40	150	385						
	TC514256BFT/BTR-10	100	25	50	180	330	1.1 (200µA)	26/20/24/24 24/24 TSOP-I 6 x 16mm (FT, TR)	Fast Page Mode Low Power Version			
	TC514256BJL/BZL/BFTL/BTRL-60	60	20	30	110	495						
	TC514256BFTL/BTRL-70	70	20	35	130	440						
	TC514256BFTL/BTRL-80	80	20	40	150	385	1.1 (200µA)	26/20/24/24 24/24 TSOP-I 6 x 16mm (FT, TR)	Fast Page Mode Low Power Version			
	TC514256BFTL/BTRL-10	100	25	50	180	330						
	TC51V4256BJ/BFT-80	80	30	40	150	162				1.8	26/24 TSOP-I 6 x 16mm	Fast Page Mode
	TC51V4256BJ/BFT-10	100	30	50	180	144						
	TC51V4256BJL/BFTL-80	80	30	40	150	162	0.54 (150µA)	Fast Page Mode Low Power Version				
	TC51V4256BJL/BFTL-10	100	30	50	180	144						
TC511664BJ/BZ/BFT-80	80	30	45	135	633	5.5	40/40/44 TSOP-II 400mil	Fast Page Mode Byte Write				
TC511664BJ/BZ/BFT-10	100	35	55	170	495							
TC511664BJL/BZL/BFTL-80	80	30	45	135	633				1.7 (300µA)	Fast Page Mode Byte Write Low Power Version		
TC511664BJL/BZL/BFTL-10	100	35	55	170	495							
TC511665BJ/BZ/BFT-80	80	30	45	135	633	5.5	40/40/44 TSOP-II 400mil	Fast Page Mode Write Per Bit				
TC511665BJ/BZ/BFT-10	100	35	55	170	495							
TC511665BJL/BZL/BFTL-80	80	30	45	135	633				1.7 (300µA)	Fast Page Mode Write Per bit Low Power Version		
TC511665BJL/BZL/BFTL-10	100	35	55	170	495							
4M Bt	TC514100ASJ/AZ/AFT/ATR-60	4194304 X 1	60	20	30	110	5V±10%	660	5.5	26/20 26/26 TSOP-II 300mil (FT, TR)	Fast Page Mode	
	TC514100ASJ/AZ/AFT/ATR-70		70	20	35	130		550				
	TC514100ASJ/AZ/AFT/ATR-80		80	20	40	150		468				
	TC514100ASJL/AZL/AFTL/ATRL-60		60	20	30	110		660	1.1 (200µA)		Fast Page Mode Low Power Version	
	TC514100ASJL/AZL/AFTL/ATRL-70		70	20	35	130		550				
	TC514100ASJL/AZL/AFTL/ATRL-80		80	20	40	150		468				
	**TC514100CSJ/CFT-50	50	13	25	90	440	5.5	26/26 TSOP-II 300mil	Fast Page Mode			
	TC514400ASJ/AZ/AFT/ATR-60	60	20	30	110	660	5.5	26/20 26/26 TSOP-II 300mil (FT, TR)	Fast Page Mode			
TC514400ASJ/AZ/AFT/ATR-70	70	20	35	130	550							
TC514400ASJ/AZ/AFT/ATR-80	80	20	40	150	468							

J/SJ: SOJ, Z:ZIP, FT (forward lead): TSOP, TR (reverse lead) : TSOP

* New Product

** Under Development