

## ■ Static RAMs

★ Under development

Process	Capacity	Configuration (words x bits)	Model No.	Access time (ns) MAX. Cycle time (ns) MIN.	Supply current operating/standby (mA) MAX.	Supply voltage (V)	Operating temperature (°C)	Package		
Full CMOS	16k	2k x 8	LH5116/NA/D-10	100	40/0.001	5 ± 10%	0 to 70	24DIP/24SOP/24SK-DIP		
			LH5116H/HN/HD-10	100	40/0.001	5 ± 10%	- 40 to 85			
			LH5116SN	1 000	10/0.001	3 ± 10%	0 to 50	24SOP		
	64k	8k x 8	LH5168/N/D-80L	80	55/0.001	5 ± 10%	- 10 to 70	28DIP/28SOP/28SK-DIP		
			LH5168/N/D/T-10L	100	45/0.001			28DIP/28SOP/28SK-DIP/ 28TSOP(I) Forward bend		
			LH5168H/HN/HD-10L	100	50/0.001*3	5 ± 10%	- 40 to 85	28DIP/28SOP/28SK-DIP		
			LH5168VN/VT	200	45/0.001	2.7 to 5.5	- 10 to 70	28SOP/28TSOP(I) Forward bend		
			LH5168ST	500	20/0.001	2.5 to 5.5	- 10 to 70	28TSOP(I) Forward bend		
			LH5168SHN	500	20/0.001*3	2.5 to 5.5	- 40 to 85	28SOP		
			★LH5164A/AN/AD/AT-10L	100	45/0.001	5 ± 10%	- 10 to 70	28DIP/28SOP/28SK-DIP/ 28TSOP(I) Forward bend		
			★LH5164AH/AHN/AHD/AHT-10L	100	50/0.001*3	5 ± 10%	- 40 to 85	28DIP/28SOP/28SK-DIP/ 28TSOP(I) Forward bend		
			★LH5164AVN/AVT	200	45/0.001	2.7 to 5.5	- 10 to 70	28SOP/28TSOP(I) Forward bend		
			★LH5164AVHN/AVHT	200	50/0.001	3.0 to 3.6	- 40 to 85	28SOP/28TSOP(I) Forward bend		
			★LH5164ASHN/ASHT	500	20/0.001*3	2.5 to 5.5	- 40 to 85	28SOP/28TSOP(I) Forward bend		
			256k	32k x 8	LH51256/N-10L	100	50/0.001*4	5 ± 10%	- 40 to 85	28DIP/28SOP
			1M	32k x 32	★LH51V1032C4M-15	15	250/2	3.3 ± 5%	0 to 70	100LQFP
	★LH51V1032C4M-17	17			220/2					
	CMOS periphery	64k	8k x 8	LH5268A/AN/AD-10LL	100	40/0.04	5 ± 10%	0 to 70	28DIP/28SOP/28SK-DIP	
		256k	64k x 4	LH52253D/K-20	20	145/1	5 ± 10%	0 to 70	28SK-DIP/28SQJ(300mil)	
LH52253D/K-25				25	135/1					
256k		32k x 8	LH52258AD/AK-20	20	150/1	5 ± 10%	0 to 70	28SK-DIP/28SQJ(300mil)		
			LH52258AD/AK-25	25	140/1					
			LH52B256/D/N/T/TR-70LL	70	70/0.04	5 ± 10%	0 to 70	28DIP/28SK-DIP/28SOP/ 28TSOP(I)		
			LH52B256/D/N/T/TR-90LL	90	70/0.04					
			LH52B256/D/N/T/TR-10LL	100	70/0.04					
			512k	64k x 8	LH52256AVN/AVT	200*1 150*2	30/0.04	2.7 to 5.5	- 10 to 70	28SOP/28TSOP(I) Forward bend
LH52256ASN/AST		500			10/0.02	2.5 to 3.6	0 to 70	28SOP/28TSOP(I) Forward bend		
LH52512N-85LL		85			50/0.05	5 ± 10%	0 to 70	32SOP		
LH52512N-10LL		100	50/0.05							
1M		256k x 4	LH521002AK-20	20	140/2	5 ± 10%	0 to 70	28SQJ(400mil)		
			LH521002AK-25	25	130/2					
		128k x 8	LH521007AK-20	20	175/2	5 ± 10%	0 to 70	32SQJ(400mil)		
			LH521007AK-25	25	165/2					
		64k x 18	LH521028AU-15	15	300/4	5 ± 10%	0 to 70	52QFJ		
			LH521028AU-17	17	300/4					
			LH521028AU-20	20	300/4					
	LH521028AU-25		25	300/4						

\*1 2.7 V ≤ V<sub>CC</sub> ≤ 5.5 V  
\*2 3.0 V ≤ V<sub>CC</sub> ≤ 5.5 V

\*3 Standby : T<sub>a</sub> = 0 to 70 °C  
\*4 Standby : T<sub>a</sub> = 0 to 60 °C