

Dynamic RAMs

4M DRAMs (5V version)

Organization (words × bits)	Type No.	Access time max (ns)	Cycle time min (ns)	Refresh (cycles/ms)	Maximum Supply Current		Package	No.	Remarks
					Active (mA)	CBR self refresh (μ A)			
1M × 4	MN414400CSJ	60/70	110/130	1024/16	85/75	—	SOJ026-P-0300A	M12	Fast page mode
	MN414400CTT	60/70	110/130	1024/16	85/75	—	TSOP026-P-0300A	M23	Fast page mode
512K × 8	MN414800CSJ	60/70	110/130	1024/16	85/75	—	SOJ028-P-0400	M14	Fast page mode
256K × 16	MN414170CSJ	70	130	1024/16	100	—	SOJ040-P-0400	M16	Fast page mode 1CAS · 2WE
	MN414260CSJ	70	130	512/8	140	—	SOJ040-P-0400	M16	Fast page mode 2CAS · 1WE
	MN414260CTT	70	130	512/8	140	—	TSOP044-P-0400A	M26	Fast page mode 2CAS · 1WE
	MN414270CSJ	70	130	512/8	140	—	SOJ040-P-0400	M16	Fast page mode 1CAS · 2WE

4M DRAMs (5V version, CBR self refresh operation)

Organization (words × bits)	Type No.	Access time max (ns)	Cycle time min (ns)	Refresh (cycles/ms)	Maximum Supply Current		Package	No.	Remarks
					Active (mA)	CBR self refresh (μ A)			
1M × 4	MN424400CSJ	60/70	110/130	1024/128	85/75	150	SOJ026-P-0300A	M12	Fast page mode
	MN424400CTT	60/70	110/130	1024/128	85/75	150	TSOP026-P-0300A	M23	Fast page mode
512K × 8	MN424800CSJ	60/70	110/130	1024/128	85/75	150	SOJ028-P-0400	M14	Fast page mode
256K × 16	MN424170CSJ	70	130	1024/128	100	250	SOJ040-P-0400	M16	Fast page mode 1CAS · 2WE
	MN424260CSJ	70	130	512/64	140	250	SOJ040-P-0400	M16	Fast page mode 2CAS · 1WE
	MN424260CTT	70	130	512/64	140	250	TSOP044-P-0400A	M26	Fast page mode 2CAS · 1WE
	MN424270CSJ	70	130	512/64	140	250	SOJ040-P-0400	M16	Fast page mode 1CAS · 2WE

(Package Symbol) SOJ = Small Outline J-Bend Package, TSOP = Thin Small Outline Package