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DRAM memory comparison table for the "Retro Chin Tester Professiona

Identifier	Company	Test setting	Pro Rev.1+	Туре	Size	Pins	RAS	CAS	Refresh Timing	RAS only	CBR Hidden	Refresh	Remark
MK4006	Mostek	4008	adapter	1k x 1	1024	16	32 (A0-A4)	32 (A0-A4)	32, 2ms	x	con maden	A0-A4	
MK4008	Mostek	4008	adapter	1k x 1	1024	16	32 (A0-A4)	32 (A0-A4)	32, 2ms	x		A0-A4	Vss=10(5V), Vdd=9(-12V), requires adapter
D2104A 4096	Intel Fairchild	2104 2104	X X	4k x 1 4k x 1	4096 4096	16 16	64 (A0-A5) 64 (A0-A5)	64 (A0-A5) 64 (A0-A5)	64, 2ms 64, 2ms	x x		A0-A5	
FM4027	Fairchild	2104	x	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
MB8227	Fujitsu	2104	х	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
IM7027 IM4027	Intersil Intersil	2104 2104	X X	4k x 1 4k x 1	4096 4096	16 16	64 (A0-A5) 64 (A0-A5)	64 (A0-A5) 64 (A0-A5)	64, 2ms 64, 2ms	×		A0-A5	
ITT4027	ITT	2104	×	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
MK4015	Mostek	2104	х	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 1ms	x		A0-A5	
MK4027	Mostek	2104	X	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
MK4096 MK4200	Mostek Mostek	2104 2104	X X	4k x 1 4k x 1	4096 4096	16 16	64 (A0-A5) 64 (A0-A5)	64 (A0-A5) 64 (A0-A5)	64, 2ms 64, 2ms	x x		A0-A5 A0-A5	
MCM4027	Motorola	2104	X	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
MCM4096	Motorola	2104	X	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	x		A0-A5	
MCM6604 uPD414	Motorola NEC	2104 2104	X X	4k x 1 4k x 1	4096 4096	16 16	64 (A0-A5) 64 (A0-A5)	64 (A0-A5) 64 (A0-A5)	64, 2ms 64, 2ms	×		A0-A5 A0-A5	
M4015	SGS	2104	x	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
M4027	SGS	2104	х	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
2660 4027	Signetics Signetics	2104 2104	X X	4k x 1 4k x 1	4096 4096	16 16	64 (A0-A5) 64 (A0-A5)	64 (A0-A5) 64 (A0-A5)	64, 2ms 64, 2ms	×		A0-A5 A0-A5	
4096	Signetics	2104	×	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	×		A0-A5	
TMS4027	Texas Instruments	2104	X	4k x 1	4096	16	64 (A0-A5)	64 (A0-A5)	64, 2ms	 X		A0-A5	
Am9060	AMD	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	x		A0-A5	22 Pin, CE=12V, Refresh (A0-A5), requires adapter
Am9107 D2107C	AMD Intel	2107 2107	adapter adapter	4k x 1 4k x 1	4096 4096	22 22	4096 (A0-A11) 4096 (A0-A11)		64, 2ms 64, 2ms	x x		A0-A5 A0-A5	22 Pin, CE=12V, Refresh (A0-A5), requires adapter 22 Pin, CE=12V, Refresh (A0-A5), requires adapter
D2107B	Intel	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	×		A0-A5	,
8107B	Intel	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	x		A0-A5	
MM4280 MM5280	National National	2107 2107	adapter adapter	4k x 1 4k x 1	4096 4096	22	4096 (A0-A11) 4096 (A0-A11)		64, 2ms 64, 2ms	×		A0-A5 A0-A5	
MM5281	National	2107	adapter	4k x 1	4096	22	4096 (A0-A11) 4096 (A0-A11)		64, 2ms	x x			22 Pin, CE=12V, Refresh (A0-A5), requires adapter 22 Pin, CE=12V, Refresh (A0-A5), requires adapter, untested
uPD411	NEC	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	×			22 Pin, CE=12V, Refresh (A0-A5), requires adapter, untested
2680	Signetics	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	x		A0-A5	
TMS4030 TMS4060	Texas Instruments Texas Instruments	2107 2107	adapter adapter	4k x 1 4k x 1	4096 4096	22	4096 (A0-A11) 4096 (A0-A11)		64, 2ms 64, 2ms	×		A0-A5 A0-A5	
TMM414	Toshiba	2107	adapter	4k x 1 4k x 1	4096	22	4096 (A0-A11)		64, 2ms	×			22 Pin, CE=12V, Refresh (A0-A5), requires adapter, untested
K565PY1	(UdSSR)	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	×		A0-A5	22 Pin, CE=12V, Refresh (A0-A5), requires adapter, untested
K565RU1	(UdSSR)	2107	adapter	4k x 1	4096	22	4096 (A0-A11)		64, 2ms	×		A0-A5	
IM7505A MCM6605	Intersil Motorola	6605 6605	adapter adapter	4k x 1 4k x 1	4096 4096	22 22	4096 (A0-A11) 4096 (A0-A11)		64, 2ms 64, 2ms	x x		A0-A5 A0-A5	22 Pin, CE=12V, Refresh (A0-A5) 22 Pin, CE=12V, Refresh (A0-A5)
Am9050	AMD	custom	adapter	4k x 1	4096	18	(NO-MII)		64, 2ms	×		A0-A5	
uPD418	NEC	custom	adapter	4k x 1	4096	18	-	-	64, 2ms	x		A0-A5	
TMS4050 TMS4051	Texas Instruments	custom	adapter	4k x 1 4k x 1	4096 4096	18 18	-	-	64, 2ms 64, 2ms	×		A0-A5	Vbb=1, Vss=18, Vdd=10, CE=7, external definition Vbb=1, Vss=18, Vdd=10, /CE=7, external definition, untested
TMS4051 D2108-2-S1573/1626	Texas Instruments Intel	custom 2108L	adapter X	4k x 1 8k x 1	4096 8192	18	- 64 (A0-A5)	128 (A0-A6)	64, 2ms 128, 2ms	x		A0-A5	
D2108-4-S1572/1627	Intel	2108H	х	8k x 1	8192	16	64 (A0-A5)	128 (A0-A6)	128, 2ms	x		A0-A6	RAS A6=1
D2109-3-S6001/6003 D2109-4-S6000/6002	Intel	2108L	X	8k x 1	8192	16	64 (A0-A5)	128 (A0-A6)	128, 2ms	×	×	A0-A6	RAS A6=0
D2109-4-S6000/6002 MM5298A	Intel National	2108H 5298A	X	8k x 1	8192 8192	16 16	64 (A0-A5) 128 (A0-A6)	128 (A0-A6) 64 (A1-A6)	128, 2ms 128, 1ms	x	х	A0-A6	
MM5298B	National	5298B	x	8k x 1	8192	16	128 (A0-A6)	64 (A1-A6)	128, 1ms 128, 1ms	<u>x</u>		A0-A6	RAS A5=1, untested
TMS4108-xxNL0	Texas Instruments	4108-x0	х	8k x 1	8192	16	128 (A0-A6)	64 (A1-A6)	128, 2ms	x		A0-A6	
TMS4108-xxNL1 MK4108-x0	Texas Instruments Mostek	4108-x1 4108-x0	X X	8k x 1 8k x 1	8192 8192	16 16	128 (A0-A6) 128 (A0-A6)	64 (A1-A6) 64 (A1-A6)	128, 2ms 128, 1ms	x x		A0-A6	CAS A0=1 CAS A0=0
MK4108-x1	Mostek	4108-x0 4108-x1	x	8k x 1	8192	16	128 (A0-A6)	64 (A1-A6)	128, 1ms	×		A0-A6	CAS A0=1
MK4115-x0	Mostek	4108-x0	х	8k x 1	8192	16	128 (A0-A6)	64 (A1-A6)	128, 1ms	×		A0-A6	CAS A0=0
MK4115-x1 AM9016	Mostek AMD	4108-x1 4116	X	8k x 1 16k x 1	8192 16384	16 16	128 (A0-A6) 128 (A0-A6)	64 (A1-A6) 128 (A0-A6)	128, 1ms	х		A0-A6	CAS A0=1
F16K	Fairchild	4116	X X	16k x 1	16384	16	128 (AU-A6) 128 (AU-A6)	128 (AU-A6) 128 (AU-A6)	128, 2ms 128, 2ms	x x		A0-A6	
F4116	Fairchild	4116	X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MB8116	Fujitsu	4116	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MB8126 MB8216	Fujitsu Fujitsu	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	×		A0-A6 A0-A6	
HM4716	Hitachi	4116	ı x	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
2116	Intel	4116	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	
2117	Intel	4116	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x	x	A0-A6	
IM4116 ITT4116	Intersil ITT	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x x		A0-A6 A0-A6	
M5K4116	Mitsubishi	4116	x	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MK4116	Mostek	4116	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MK4215	Mostek	4116	X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 1ms	×		A0-A6	
8041016A MCM4116	Motorola Motorola	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x x		A0-A6 A0-A6	
MCM6616	Motorola	4116	X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MM5290	National	4116	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
uPD2116 uPD416	NEC NEC	4116 4116	X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	×		A0-A6 A0-A6	
NTE2117	NTE	4116	X X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x x		A0-A6	
M3716	OKI	4116	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MSM3716	OKI	4116	X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MN4116 M4116	Panasonic SGS	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x x		A0-A6 A0-A6	
2690	Signetics	4116	x	16k x 1	16384	16	128 (AU-A6)	128 (AU-A6)	128, 2ms	x		A0-A6	
HYB4116	Siemens	4116	x	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
MHB4116	TESLA Toyar Instruments	4116 4116	X	16k x 1 16k x 1	16384 16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	
TMS4116 TMM416	Texas Instruments Toshiba	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x x		A0-A6 A0-A6	
Z6116	Zilog	4116	x	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	
K565PY3	(UdSSR)	4116	X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
K565RU3 K581PY4	(UdSSR) (UdSSR)	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x x		A0-A6 A0-A6	
K581RU4	(UdSSR)	4116	x	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	
K584PY4	(UdSSR)	4116	X	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
K584RU4 U256	(UdSSR) (DDR)	4116 4116	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x		A0-A6 A0-A6	= MK4116
MB8118	Fujitsu	2118	X	16k x 1	16384	16	128 (AU-A6)	128 (AU-A6)	128, 2ms 128, 2ms	×		A0-A6	
HM4816	Hitachi	2118	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	
HM8416 2118	Hitachi	2118 2118	X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	×		A0-A6 A0-A6	
2118 MCM4517	Intel Motorola	2118 2118	X X	16k x 1 16k x 1	16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (AU-A6) 128 (AU-A6)	128, 2ms 128, 2ms	×		A0-A6	
MM5295	National	2118	(X)	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	untested
uPD2118	NEC	2118	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	×		A0-A6	
KS65PY6 KS65RU6	(UdSSR) (UdSSR)	2118 2118	X X	16k x 1 16k x 1	16384 16384	16 16	128 (A0-A6) 128 (A0-A6)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	×		A0-A6	
MK4516	Mostek	2118	X	16k x 1	16384	16	128 (AU-A6)	128 (AU-A6)	128, 2ms 128, 2ms	×		A0-A6	Pin 1=RFSH
MCM4516	Motorola	2118	х	16k x 1	16384	16	128 (A0-A6)	128 (A0-A6)	128, 2ms	x		A0-A6	Pin 1=RFSH
TMS4132 (Module 1)	Texas Instruments	4132 M1	X	2x 16k x 1	32768	18	256 (A0-A7)	128 (A0-A6)	128, 2ms	x	×	A0-A6	
TMS4132 (Module 2) MK4332 (Modul 1)	Texas Instruments Mostek	4132 M2 4332 M1	X	2x 16k x 1 2x 16k x 1	32768 32768	18	256 (A0-A7) 256 (A0-A7)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x x	x x	A0-A6	Vbb=1, Vdd=9, Vcc=10, Vss=18, untested Vbb=1, Vdd=8, Vcc=11, Vss=18
MK4332 (Modul 2)	Mostek	4332 M2	x	2x 16k x 1	32768	18	256 (A0-A7)	128 (A0-A6)	128, 2ms	x	×		Vbb=1, Vdd=8, Vcc=11, Vss=18
MCM6632-0	Motorola	xx32L	X	32k x 1	32768	16	256 (A0-A7)	128 (A0-A6)	128, 2ms	х	x	A0-A6	
MSM6632-1 MCM6633-0	Motorola Motorola	xx32H xx32L	X	32k x 1 32k x 1	32768 32768	16 16	256 (A0-A7) 256 (A0-A7)	128 (A0-A6) 128 (A0-A6)	128, 2ms 128, 2ms	x	x x	A0-A6	CAS A7=1, Pin 1=RFSH, untested CAS A7=0, untested
MCM6633-0 MSM6633-1	Motorola Motorola	xx32L xx32H	X	32k x 1 32k x 1	32768 32768	16 16	256 (A0-A7) 256 (A0-A7)	128 (AU-A6) 128 (AU-A6)	128, 2ms 128, 2ms	x x	×	A0-A6	
MSM3732L	OKI	xx32L	x	32k x 1	32768	16	256 (A0-A7)	128 (A0-A6)	128, 2ms	×	×	A0-A6	
MSM3732H	OKI	xx32H	х	32k x 1	32768	16	256 (A0-A7)	128 (A0-A6)	128, 2ms	×	x	A0-A6	CAS A7=1
TMS4532-xxNL3 TMS4532-xxNL4	Texas Instruments Texas Instruments	xx32L xx32H	X X	32k x 1 32k x 1	32768 32768	16 16	256 (A0-A7) 256 (A0-A7)	128 (A0-A6) 128 (A0-A6)	256, 4ms 256, 4ms	x x	×	A0-A6 A0-A6	CAS A7=0 CAS A7=1
1M54532-xxNL4 AM9064	Texas Instruments AMD	4164	X	32k x 1 64k x 1	65536	16	256 (A0-A7) 256 (A0-A7)	128 (A0-A6) 256 (A0-A7)	256, 4ms 128, 2ms	×	x x	A0-A6	GGM*I
F4164	Fairchild	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	x	x x	A0-A7	
MB8264	Fujitsu	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	x	x x	A0-A7	
MB8264A MB8281	Fujitsu Fujitsu	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×	x x x	A0-A7 A0-A7	static column untested
HM4864	Hitachi	4164	X	64k x 1	65536	16	256 (AU-A7) 256 (AU-A7)	256 (AU-A7) 256 (AU-A7)	128, 2ms 128, 2ms	x x	x x x	A0-A7	static column, untested
HY5164	Hyundai	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	x x	A0-A7	
HY51C64	Hyundai	4164	X	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	х х	A0-A7	ripplemode, untested
IMS2600	Inmos Intel	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 128, 2ms	x x	x x x	A0-A7 A0-A7	
2164A			. ^	1 046 V T	00000	10	(NO-M/)	(NO-M/)	±40, £1115	^	^ X	~~~~~/	

Identifier	Company	Test setting	Pro Rev.1+	Tues	Size	Pins	RAS	CAS	Refresh Timing	: RAS only	CBR H	lidden	Dofrach	Remark
2164B	Intel	4164	X X	Type 64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	x x	X CBR H	x	A0-A7	kemark
51C64	Intel	4164	х	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	×	x	A0-A7	ripplemode, untested
51C65 MT4264	Intel Micron	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 256, 4ms	×	x x	x	A0-A7 A0-A7	static column, untested
M5K4164ANP	Mitsubishi	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	x	x	A0-A7	
MK4564 MCM4164	Mostek Motorola	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	x x	x x	x	A0-A7 A0-A7	
MCM6665	Motorola	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×			A0-A6	
NMC3764 NMC4164	National National	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 256, 4ms	×	×	x	A0-A7 A0-A7	
uPD4164	NEC	4164	X	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	×	x	A0-A7	
NTE4164 MSM3764	NTE OKI	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×	x x	x	A0-A7 A0-A7	
MN4164	Panasonic	4164	х	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	×	x	A0-A7	
KM4164 LM3364	Samsung Sanyo	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×	×	x	A0-A6 A0-A7	
HYB4164	Siemens	4164	х	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	x	x	A0-A7	
MHB4164 TMS4164	TESLA Texas Instruments	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	×	×	x	A0-A7 A0-A7	
MKB4563	Thomson	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	•	^	A0-A6	
TMM4164 V51C64	Toshiba Vitelic	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 256, 4ms	x x			A0-A6 A0-A6	ripplemode, untested
K565PY5	(UdSSR)	4164	х	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×			A0-A6	Tippetiode, difesed
K565RU5 U2164	(UdSSR) (DDR)	4164 4164	X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×			A0-A6 A0-A6	
MB8265	Fujitsu	4164	X	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	x	x	A0-A0	Pin 1=RFSH, RFSH=HIGH is tested only
M5K4164S MK4164	Mitsubishi Mostek	4164 4164	X X	64k x 1 64k x 1	65536 65536	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×	×	x	A0-A7	Pin 1=RFSH, RFSH=HIGH is tested only Pin 1=RFSH, RFSH=HIGH is tested only
MCM6664	Motorola	4164	x	64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	^	^		Pin 1=RFSH, RFSH=HIGH is tested only
uPD4265	NEC	4164	Х	64k x 1 2x 64k x 1	65536	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	×	х	A0-A7	Pin 1=RFSH, RFSH=HIGH is tested only
HM48128 (top) HM48128 (bottom)	Hitachi Hitachi	41128 TOP 41128 BOT	X X	2x 64k x 1 2x 64k x 1	131072 131072	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×	x x	x	A0-A6	
MT1128 (top)	Micron	41128 TOP	x	2x 64k x 1	131072	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	x	×	x	A0-A6	
MT1128 (bottom) MK4128 (top)	Micron Mostek	41128 BOT 41128 TOP	X X	2x 64k x 1 2x 64k x 1	131072 131072	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	×	x x	x	A0-A6 A0-A6	
MK4128 (bottom)	Mostek	41128 BOT	x	2x 64k x 1	131072	16	256 (A0-A7)	256 (A0-A7)	128, 2ms	×	×	x	A0-A6	
MSM37S64 (top) MSM37S64 (bottom)	OKI OKI	41128 TOP 41128 BOT	X X	2x 64k x 1 2x 64k x 1	131072 131072	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	x x	×	x	A0-A6 A0-A6	
KM4128 (top)	Samsung	41128 TOP	х	2x 64k x 1	131072	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	×	x	A0-A7	
KM4128 (bottom) TMS41128 (top)	Samsung Texas Instruments	41128 BOT 41128 TOP	X X	2x 64k x 1 2x 64k x 1	131072 131072	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	x x	×	x	A0-A7 A0-A7	
TMS41128 (bottom)	Texas Instruments	41128 BOT	х	2x 64k x 1	131072	16	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	×	x	A0-A7	
ZA1250 (top) ZA1250 (bottom)	Texas Instruments Texas Instruments	41128 TOP 41128 BOT	X X	2x 64k x 1 2x 64k x 1	131072 131072	16 16	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 128, 2ms	x x	x x	x x	A0-A6 A0-A6	
AS4C1259	ASI	41256	X	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	
MB81256 MB81C258	Fujitsu Fujitsu	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	x x	x x	x x	A0-A7 A0-A7	static column, untested
GM71256	Goldstar	41256	х	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	×	A0-A7	
GM71C256A HM50256	Goldstar Hitachi	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	x x	x x	A0-A7 A0-A7	
HM51256	Hitachi	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	
HM51258 HY51C256	Hitachi Hyundai	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 32ms 256, 4ms	x x	x x	x x	A0-A7	static column ripplemode, untested
HY53C256	Hyundai	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	rippiemode, diffested
21256 51C256	Intel Intel	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	x x	x x	x	A0-A7 A0-A7	ripplemode, untested
MT1259	Micron	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	rippiemode, diffested
M5M4256 MCM6256	Mitsubishi Motorola	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	×	x	A0-A7 A0-A7	
MCM6257	Motorola	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	nibble mode
uPD41256 uPD41257	NEC NEC	41256 41256	X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	×	x	A0-A7 A0-A7	nibble mode
AAA2800	NMB Semiconductor	41256	X X	256k x 1	262144	16	512 (AU-A8) 512 (AU-A8)	512 (A0-A8)	256, 4,4ms	x x	×	×	A0-A7	static column, untested
AAA2801	NMB Semiconductor NTE	41256 41256	x	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8)	512 (A0-A8)	256, 4,4ms	×	×		A0-A7 A0-A7	enhanced mode, untested
NTE21256 M41256	OKI	41256	X X	256k x 1 256k x 1	262144	16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4,4ms 256, 4ms	x x	×	x	A0-A7	
MSM41256	OKI	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	x	×	x	A0-A7	
MSM51C256 MN41256	OKI Panasonic	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	x x	x x	x	A0-A7 A0-A7	
KM41256	Samsung	41256	х	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	
KM41C256 KM41257	Samsung Samsung	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	x x	x x	x	A0-A7 A0-A7	nibble mode
LH21256	Sharp	41256	X	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	
LM33256 HYB41256	Sanyo Siemens	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	x x	x	A0-A7 A0-A7	
SMJ4256	Texas Instruments	41256	х	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	
TMS4256 TMS4257	Texas Instruments Texas Instruments	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	×	x	A0-A7 A0-A7	
TC51256	Toshiba	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	
TMM41256 V53C256A	Toshiba Vitelic	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	x x	x	A0-A7 A0-A7	
K565PY7	(UdSSR)	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	= HM50256
K565RU7 K565PY8	(UdSSR) (UdSSR)	41256 41256	X X	256k x 1 256k x 1	262144 262144	16 16	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	256, 4ms 256, 4ms	×	×	x	A0-A7 A0-A7	= HM50256 = MB81256
K565RU8	(UdSSR)	41256	x	256k x 1	262144	16	512 (A0-A8)	512 (A0-A8)	256, 4ms	×	×	x	A0-A7	= MB81256
U61256 MB81C1000	(DDR) Fujitsu	41256 41024	X X	256k x 1 1024k x 1	262144 1048576	16 18	512 (A0-A8) 1024 (A0-A9)	512 (A0-A8) 1024 (A0-A9)	256, 4ms 512, 8ms	x x	×	x	A0-A7 A0-A8	
GM71C1000	Goldstar	41024	х	1024k x 1	1048576	18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	x	×	x	A0-A8	
HM511000	Hitachi	41024 41024	×	1024k x 1	1048576 1048576	18 18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms 512, 8ms	x x	×	x	A0-A8 A0-A8	
HY51C1000 P21010	Hyundai Intel	41024	X X	1024k x 1 1024k x 1	1048576	18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms	×	x x	x	A0-A8	
AAA1M100 AAA1M300	NMB Semiconductor NMB Semiconductor	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18 18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x x	x x	x x	A0-A8 A0-A8	
MT4C1024	Micron Micron	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18	1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x	×	x	A0-A8	
MT4C1026 M5M41000	Micron Mitsubishi	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18 18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	×	×	x	A0-A8 A0-A8	static column
M5M4C1001	Mitsubishi	41024	X X	1024k x 1	1048576	18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x	×	x	A0-A8	
M5M4C1002 MCM511000	Mitsubishi	41024	×	1024k x 1	1048576	18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	x	×	x	A0-A8	static column, untested
MCM511000 MCM511001A	Motorola Motorola	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18 18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x x	×	x	A0-A8 A0-A8	nibble mode, untested
MCM511002	Motorola	41024	х	1024k x 1	1048576	18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	x	×	x	A0-A8	static column, untested
UPD411000 UPD421002	NEC NEC	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18 18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x x	x x	x	A0-A8 A0-A8	static column, untested static column, untested
M511000	OKI	41024	х	1024k x 1	1048576	18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	×	×	x	A0-A8	
MN41C1000 KM41C1000A	Panasonic Samsung	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18 18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x x	×	x x	A0-A8 A0-A8	
HYB511000A	Siemens	41024	х	1024k x 1	1048576	18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	x	×	x	A0-A8	
TC511000 TMM411000	Toshiba Toshiba	41024 41024	X X	1024k x 1 1024k x 1	1048576 1048576	18 18	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	512, 8ms 512, 8ms	x x	x x	x x	A0-A8 A0-A8	
U61000	(DDR)	41024	х	1024k x 1	1048576	18	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	x	x	х	A0-A8	
TMS4408NLT TMS4408NLB	Texas Instruments Texas Instruments	4408NLT 4408NLB	(X) (X)	8k x 4 8k x 4	32768 32768	18 18	128 (A0-A6) 128 (A0-A6)	64 (A1-A6) 64 (A1-A6)	128, 2ms 128, 2ms	X X			A0-A7 A0-A7	RAS A7=0, untested RAS A7=1, untested
MB81416	Fujitsu	4416	Х	16k x 4	65536	18	256 (A0-A7)	64 (A1-A6)	256, 4ms	X	×		A0-A7	no no 41, unitesteu
HM48416	Hitachi	4416	×	16k x 4	65536	18	256 (A0-A7)	64 (A1-A6)	256, 4ms		×		A0-A7	
IMS2620 M5M4416	Inmos Mitsubishi	4416 4416	X X	16k x 4 16k x 4	65536 65536	18 18	256 (A0-A7) 256 (A0-A7)	64 (A1-A6) 64 (A1-A6)	256, 4ms 256, 4ms		×		A0-A7 A0-A7	
UPD41416	NEC	4416	x	16k x 4	65536	18	256 (A0-A7)	64 (A1-A6)	256, 4ms		×		A0-A7	
MN4264 TMS4416	Panasonic Texas Instruments	4416 4416	X X	16k x 4 16k x 4	65536 65536	18 18	256 (A0-A7) 256 (A0-A7)	64 (A1-A6) 64 (A1-A6)	256, 4ms 256, 4ms	×	×		A0-A7 A0-A7	
MB81464	Fujitsu	4464	x	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	×	х	A0-A7	
MB81466 HM50464	Fujitsu Hitachi	4464 4464	X X	64k x 4 64k x 4	262144 262144	18 18	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	x x	x x	x	A0-A7 A0-A7	static column, untested
HY53C464	Hyundai	4464	х	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	×	x	A0-A7	
P21464 51C259H	Intel Intel	4464 4464	X X	64k x 4 64k x 4	262144 262144	18 18	256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	x x	×	x x	A0-A7 A0-A7	static column untested
M5M4464	Mitsubishi	4464	X X	64k x 4	262144	18	256 (A0-A7) 256 (A0-A7)	256 (A0-A7)	256, 4ms	x	×	x	A0-A7	static column, untested
uPD41464 KM41464A	NEC Samsung	4464 4464	x x	64k x 4 64k x 4	262144 262144	18 18	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	×	×	x	A0-A7 A0-A7	
KM41466	Samsung	4464 4464	x	64k x 4 64k x 4	262144 262144	18	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	x	×	x	A0-A7	static column, untested
LH2464 SMJ4464	Sharp Texas Instruments	4464 4464	X X	64k x 4 64k x 4	262144 262144	18 18	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	256, 4ms 256, 4ms	x x	x x	x x	A0-A7 A0-A7	
TMS4464	Texas Instruments	4464	х	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	x	×	x	A0-A7	
TMM41464	Toshiba	4464	х	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	×	×	x	A0-A7	

Identifier	Company	Test setting	Pro Rev.1+	Туре	Size	Pins	RAS	CAS	Refresh Timing	RAS only	CBR	Hidden	Refresh	Remark
V53C464A	Vitelic	4464	х	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	x	х	х	A0-A7	
UD61464	ZMD	4464	х	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	x	×	×	A0-A7	
UD61466	ZMD	4464	X	64k x 4	262144	18	256 (A0-A7)	256 (A0-A7)	256, 4ms	X	×	х	A0-A7	static column, untested
AS4C4256 MB81C4256A	ASI Fujitsu	44256 44256	X X	256k x 4 256k x 4	1048576 1048576	20 20	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	512, 8ms 512, 8ms	x x	×	×	A0-A8 A0-A8	
GM71C4256A	Goldstar	44256	x	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	×	Ŷ	×	A0-A8	
HM514256	Hitachi	44256	x	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	×	×	×	A0-A8	
P21014	Intel	44256	х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	x	A0-A8	
MT4C4256	Micron	44256	х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	x	A0-A8	
MT4C4258	Micron	44256	X	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	х	A0-A8	static column, untested
M5M444256 M5M444258	Mitsubishi Mitsubishi	44256 44256	X X	256k x 4 256k x 4	1048576 1048576	20 20	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	512, 8ms 512, 8ms	x x	×	x x	A0-A8 A0-A8	static column, untested
MCM514256A	Motorola	44256	x	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	×	A0-A8	static column, untested
uPD414256	NEC	44256	X	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	х	×	×	A0-A8	static column, untested
uPD424256	NEC	44256	х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	x	A0-A8	
uPD424258	NEC	44256	х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	×	A0-A8	static column, untested
uPD424268	NEC	44256	X	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	×	A0-A8	static column, write-per-bit, untested
AAA1M304 MSM514256A	NMB Semiconductor OKI	44256 44256	X X	256k x 4 256k x 4	1048576 1048576	20 20	512 (A0-A8) 512 (A0-A8)	512 (A0-A8) 512 (A0-A8)	512, 8ms 512, 8ms	×	×	×	A0-A8 A0-A8	
MSM514256A KM44C256A	Samsung	44256 44256	X X	256k x 4 256k x 4	1048576	20	512 (AU-A8) 512 (AU-A8)	512 (AU-A8) 512 (AO-A8)	512, 8ms 512, 8ms	X X	×	x	AU-A8	
LH64256	Sharp	44256	x	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	×	Ŷ	×	A0-A8	
LH64258	Sharp	44256	X	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	×	×	×	A0-A8	static column, untested
HYB514256B	Siemens	44256	х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	×	×	×	A0-A8	
HYB534256B	Siemens	44256	х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	x	A0-A8	
TMS44C256	Texas Instruments	44256	Х	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	x	A0-A8	
TC514256AP	Toshiba	44256	X	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	×	A0-A8	
V53C104 AAA4M204	Vitelic NMB Semiconductor	44256 custom	external	256k x 4 1024k x 4	1048576 4194304	20	512 (A0-A8) 1024 (A0-A9)	512 (A0-A8) 1024 (A0-A9)	512, 8ms 1024, 16ms	x	x	x	A0-A8 A0-A9	external definition available
AAA4M205	NMB Semiconductor	custom	external	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	×	Ŷ	· ·	A0-A9	external definition available, static column mode
HM514400	Hitachi	custom	external	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	×	×	×	A0-A9	external definition available
HM514410	Hitachi	custom	external	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	x	×	x	A0-A9	external definition available
HY514400	Hyundai	custom	external	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	x	×	x	A0-A9	external definition available
HYB514400	Siemens	custom	external	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	x	×	х	A0-A9	external definition available
SMJ44400 HM514400	Texas Instruments	custom	external	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	×	×	х	A0-A9	external definition available
HM514400 TC514400	Toshiba Toshiba	custom	external external	1024k x 4 1024k x 4	4194304 4194304	20 20	1024 (A0-A9) 1024 (A0-A9)	1024 (A0-A9) 1024 (A0-A9)	1024, 16ms 1024, 16ms	×	×	х	A0-A9	external definition available external definition available
SIMM30 256k x 8	TUSTIIUA	SIMM30 - 256k x 8	adapter	256k x 8	2097152	30	512 (A0-A8)	512 (A0-A9)	512, 8ms	×	×	×	A0-A9	requires adapter
SIMM30 256k Parity	-	SIMM30-P - 256k x 1	adapter	256k x 1	262144	30	512 (A0-A8)	512 (A0-A8)	512, 8ms	×	×	x	A0-A8	requires adapter, tests parity bit only, use with "SIMM30 256k x 8"
SIMM30 1024k x 8	-	SIMM30 - 1024k x 8	adapter	1024k x 8	8388608	30	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	x	x	x	A0-A9	requires adapter
SIMM30 1024k Parity	-	SIMM30-P - 1024k x 1	adapter	1024k x 1	1048576	30	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	x	×	x	A0-A9	requires adapter, tests parity bit only, use with "SIMM30 1024k x 8"
SIMM30 4096k x 8	-	-		4096k x 8	33554432		2048 (A0-A10)	2048 (A0-A10)	2048, 16ms	x	×	×	A0-A10	
SIMM30 4096k Parity	-	-		4096k x 1	4194304		2048 (A0-A10)	2048 (A0-A10)	2048, 16ms	X	×	х		requires adapter, external definition available, tests parity bit only, use with
ZIP16 64k x 1 ZIP20 64k x 4		custom ZIP20 - 64k x 4	external adapter	64k x 1 64k x 4	65536 262144	16 20	256 (A0-A7) 256 (A0-A7)	256 (A0-A7) 256 (A0-A7)	128, 2ms 256, 4ms	x x	×	×	A0-A6 A0-A7	requires adapter, external definition available, untested requires adapter
ZIP16 256k x 1		ZIP16 - 256k x 1	adapter	256k x 1	262144	16	512 (A0-A7)	512 (A0-A7)	512, 8ms	×	× ×	×	A0-A7	requires adapter
ZIP20 256k x 4	_	ZIP20 - 256k x 4	adapter	256k x 4	1048576	20	512 (A0-A8)	512 (A0-A8)	512, 8ms	x	×	x	A0-A8	requires adapter, untested
ZIP20 1024k x 1	-	ZIP20 - 1024k x 1	adapter	1024k x 1	1048576	20	1024 (A0-A9)	1024 (A0-A9)	512, 8ms	×	×	×	A0-A8	requires adapter
ZIP20 1024k x 4		ZIP20 - 1024k x 4	adapter	1024k x 4	4194304	20	1024 (A0-A9)	1024 (A0-A9)	1024, 16ms	x	×	x	A0-A9	requires adapter
ZIP20 4096k x 1	-	-		4096k x 1	4194304		2048 (A0-A10)	2048 (A0-A10)	1024, 16ms	x	x	х	A0-A9	requires adapter
HM53461	Hitachi	custom	external	64k x 4	1048576	18	256 (A0-A8)	256 (A0-A8)	256, 4ms	x	×	х	A0-A7	SAM memory (256 x 4) not tested
MB81461 MT42C4064	Fujitsu Micron	custom	external external	64k x 4	1048576 1048576	18 18	256 (A0-A8) 256 (A0-A8)	256 (A0-A8) 256 (A0-A8)	256, 4ms 256, 4ms	x x	×	×	A0-A7	SAM memory (256 x 4) not tested SAM memory (256 x 4) not tested
UPD41264	NEC	custom	external	64k x 4	1048576	18	256 (A0-A8)	256 (AU-A8)	256, 4ms	×	× ×	× ×	A0-A7	SAM memory (256 x 4) not tested
TMS4461	Texas Instruments	custom	external	64k x 4	1048576	18	256 (A0-A8)	256 (A0-A8)	256, 4ms	×	×	×	A0-A7	SAM memory (256 x 4) not tested
MT4067-P	Micron	custom	external	64k x 4	262144	20	256 (A0-A7)	256 (A0-A7)	256, 4ms	x	x	x	A0-A7	,
MT1259-P	Micron	custom	external	256k x 1	262144	18	256 (A0-A8)	256 (A0-A8)	256, 4ms	x	×	x	A0-A8	not compatible with MT1259 (without "-P")
EDH41512 (Module 1)	Electronic Designs	custom	external	2x 256k x 1	524288	18	256 (A0-A8)	256 (A0-A8)	256, 4ms	x	×	х	A0-A8	
EDH41512 (Module 2)	Electronic Designs	custom	external	2x 256k x 1	524288	18	256 (A0-A8)	256 (A0-A8)	256, 4ms	×	×	x	A0-A8	
EDH42256 D2105	Electronic Designs	custom	external	256k x 2 1k x 1	524288 1024	18	256 (A0-A8)	256 (A0-A8)	256, 4ms	х	×	х	A0-A8 A0-A9	Vdd=17(12V), Vbb=10(0V), Vss=11(-5V), RFSH=5
1103	Intel	-		1k×1 1k×1	1024	18			32, 2ms	×			A0-A9	Vdd=1/(12V), Vbb=10(0V), Vss=11(-5V), RFSH=5 Vss=17(16V), Vbb=10(19V), Vdd=11(0V), PRECHARGE=5
1103 1103A	Intel	-		1k x 1	1024	18		-	32, 2ms 32, 2ms	×			A0-A9	Vss=17(16V), Vbb=10(19V), Vdd=11(UV), PRECHARGE=5 Vss=17(16V), Vbb=10(19V), Vdd=11(UV)
U253	(DDR)	-		1k x 1	1024	18			10us	×			A0-A9	Vss=17(16V), Vbb=10(19V), Vdd=11(0V) Vss=17(16V), Vbb=10(19V), Vdd=11(0V), = 1103A
MM4262	National	-		2k x 1	2048	22	-	-	32, 1ms	x			A0-A4	Vbb=1, Vss=20, Vdd=5 (8.5/5/-15V)
MM5262	National	-		2k x 1	2048	22	-	-	32, 2ms	x			A0-A4	Vbb=1, Vss=20, Vdd=5 (8.5/5/-15V)
MSM514221	Oki	-		256k+120 x 4	1049052	16	-	-	-		-	-	-	Field Memory
uPD4168	NEC	-		8k x 8	65536	28	-	-	-		-	-	-	XRAM (refresh=1)
uPD42101	NEC	-		910 x 8	7280	24	-	-	-		-	-	-	Line Buffer für NTSC TV

gray = tested with chip (or compatible)
green = implemented in Chip Tester
yellow = untested
red = not yet implemented or not possible to implement
(X) = could not be tested with working sample yet
"external" = external definition available (custom ic)