

DEVICE TYPE NO	FUNCTION app A	DATA WORD LENGTH	DEVICE DESCRIPTION	MICRO FAMILY app B
P2112A	SRAM	4-BIT	1K=256X4/MAX. ACCESS 350NS/5X 3Y 1CE ADDRESS LINES	9080
P2112A-2	SRAM	4-BIT	1K=256X4/MAX. ACCESS 250NS/5X 3Y 1CE ADDRESS LINES	9080
P2112A-4	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 1CE ADDRESS LINES	9080
P2112-2	SRAM	4-BIT	1K=256X4/MAX. ACCESS 650NS/5X 3Y 1CE ADDRESS LINES	9080
P2114	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES	8080
P2114L	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 450NS/6X 4Y 1CS ADDRESS LINES	8080
P2114L-2	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES	8080
P2114L-3	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES	8080
P2114-2	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES	8080
P2114-3	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES	8080
P2115	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2115A	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2115AL-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2115A-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2115AL	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2115L	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2115-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2125	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2125A	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2125A-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 70NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2125AL	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 45NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2125L	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 75NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2125-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 55NS/5X 5Y 1CS ADDRESS LINES	GEN. PURP.
P2141L-3	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2141L-4	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2141L-5	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2141-2	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 120NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2141-3	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 150NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2141-4	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 200NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2141-5	SRAM	1-BIT	4K=4096X1/MAX. ACCESS 250NS/6X 6Y 1CS ADDRESS LINES	GEN. PURP.
P2142	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
P2142L	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
P2142L-2	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
P2142L-3	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
P2142-2	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 200NS/ X 4Y 1CS ADDRESS LINES	GEN. PURP.
P2142-3	SRAM	4-BIT	4K=1024X4/MAX. ACCESS 300NS/6X 4Y 1CS ADDRESS LINES	GEN. PURP.
P2308	MROM	8-BIT	8K=1024X8/MAX. ACCESS 450NS/6X 4Y 2CS ADDRESS LINES	GEN. PURP.
P2308A	MROM	8-BIT	8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES	GEN. PURP.
P2316AL	MROM	8-BIT	16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES	GEN. PURP.
P2332A	MROM	8-BIT	32K=4096X8/MAX. ACCESS 450NS/12 ADDRESS 2CS LINES/30MXMA STANDBY	GEN. PURP.
P2364A	MROM	8-BIT	64K=8192X8/MAX. ACCESS 450NS/13 ADDRESS ICE LINES	GEN. PURP.
P2401	SHFTR	1-BIT	2048=1024X2/DYNAMIC RECIRCULATING/1MHZ/ 1-PHASE CLOCK	GEN. PURP.
P2405	SHFTR	1-BIT	1024=1024X1/DYNAMIC RECIRCULATING/1MHZ/ 1-PHASE CLOCK	GEN. PURP.
P2416	SMEM	1-BIT	16K=64X256/CCD SERIAL MEMORY/2 MEGABIT RATE/DRIVEN BY INTEL 5244	GEN. PURP.
P2608	PROM	8-BIT	8K=1024X8/MAX. ACCESS 450NS/10 ADDRESS ICS LINES	GEN. PURP.
P3101	SRAM	4-BIT	64=16X4/MAX. ACCESS 60NS/4 ADDRESS ICS LINES	GEN. PURP.
P3101A	SRAM	4-BIT	64=16X4/MAX. ACCESS 35NS/4 ADDRESS ICS LINES	GEN. PURP.
P3205	DECDR	3-BIT	1-OF-8 BINARY DECODER/MAX. DELAY 18NS	GEN. PURP.
P3208A	SAMP	6-BIT	HEX BIPOLAR SENSE AMPLIFIER FOR MOS CIRCUITS	GEN. PURP.
P3212	LATCH	8-BIT	MULTIMODE LATCH BUFFER/8 D-TYPE LATCHES/MAX. WRITE CYCLE 50NS	3000
P3214	ITRPC	8-BIT	INTERRUPT CONTROL UNIT	3000
P3216	DRVR	4-BIT	PARALLEL BIDIRECTIONAL BUS DRIVER	3000
P3226	DRVR	4-BIT	PARALLEL BIDIRECTIONAL BUS DRIVER/INVERTING	3000
P3404	LATCH	6-BIT	HIGH SPEED 6-BIT LATCH/MAX. DELAY 12NS	GEN. PURP.
P3408	SAMP	6-BIT	HEX BIPOLAR SENSE AMP. WITH LATCH FOR MOS CIRCUITS	GEN. PURP.
P4001	MROM	8-BIT	256X8(=512X4)/MAX. ACCESS 930NS/4-BIT I-O PORT/MUX. SERIAL CNTRL	4004/4040
P4002-1	RAMIO	4-BIT	320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 1	4004/4040
P4002-2	RAMIO	4-BIT	320=4X20X4 RAM + 4-BIT OUTPUT PORT/CHIP SELECTION OPTION 2	4004/4040
P4003	SHFTR	10-BIT	SHIFT REGISTER, SERIAL INPUT, PARALLEL OUTPUT	4004/4040
P4004	MPU	4-BIT	CENTRAL PROCESSING UNIT (CPU) FOR 4004 FAMILY (APP. B)	4004
P4008	MEMCT	4-BIT	MEMORY INTERFACE UNIT/ ADDRESS LATCHING UNIT	4004/4040
P4009	IOCTR	4-BIT	I-O CONTROL UNIT FOR 4004-4040 SYSTEM (APP. B)	4004/4040
P4040	MPU	4-BIT	CENTRAL PROCESSING UNIT (CPU) FOR 4040 FAMILY (APP. B)	4040
P4201A	CLOCK	2-BIT	CLOCK GENERATOR/XTAL CONTROLLED/FOR 4004-4040 FAMILY (APP. B)	4004/4040
P4265	PIO	8-BIT	PROGRAMMABLE I-O DEVICE FOR 4004-4040 FAMILY (APP. B)	4004-4040
P4269	KBDSK		PROGRAMMABLE KEYBOARD AND DISPLAY CONTROL UNIT	4004/4040
P4308	MROM	8-BIT	8K=1024X8/MAX. ACCESS 930NS/4 4-BIT I-O PORTS/MUX. SER. CONTROL	4004/4040
P4316A	ROM	8-BIT	16K=2048X8/MAX. ACCESS 850NS/11 ADDRESS 3CS LINES	GEN. PURP.
P5101	SRAM	4-BIT	1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY	GEN. PURP.
P5101L	SRAM	4-BIT	1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY	GEN. PURP.
P5101L-1	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/15uA STANDBY	GEN. PURP.
P5101L-3	SRAM	4-BIT	1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/200uA STANDBY	GEN. PURP.
P5101-1	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY	GEN. PURP.
P5101-3	SRAM	4-BIT	1K=256X4/MAX. ACCESS 650NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY	GEN. PURP.
P5101-8	SRAM	4-BIT	1K=256X4/MAX. ACCESS 800NS/5X 3Y 2CE ADDRESS LINES/500uA STANDBY	GEN. PURP.

MKR app C	PACKAGE app E	LSI TYPE app D	OPERATING TEMPERATURE RANGE	D. C. SUPPLY VOLTAGES	QUIESC PWR (max)	INPUT LOGIC LEVELS	OUTPUT LOGIC LEVELS	SUBSTITUTE	DEVICE TYPE NO
INL	DIL-16/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	D2112A	P2112A
INL	DIL-16/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	D2112A-2	P2112A-2
INL	DIL-16/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	D2112A-4	P2112A-4
ADM	DIL-16/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P2112A	P2112-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL/TS	SYP2114	P2114
INL	DIL-18/1P	NMOS	0C/+70C	+5V	65MXMA	TTL	TTL/TS	C2114L	P2114L
INL	DIL-18/1C	NMOS	0C/+70C	+5V	65MXMA	TTL	TTL/TS	C2114L-2	P2114L-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	65MXMA	TTL	TTL/TS	P2114L-2	P2114L-3
INL	DIL-18/1C	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL/TS	C2114-2	P2114-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL/TS	SAB2114-3-C	P2114-3
INL	DIL-16/1P	NMOS	0C/+75C	+5V	100MXMA	TTL	TTL/OC	P2115A-2	P2115
INL	DIL-16/1P	NMOS	0C/+75C	+5V	125MXMA	TTL	TTL/OC	93415ADC	P2115A
INL	DIL-16/1P	NMOS	0C/+75C	+5V	75MXMA	TTL	TTL/OC	93L415ADC	P2115AL-2
INL	DIL-16/1P	NMOS	0C/+75C	+5V	125MXMA	TTL	TTL/OC	93415ADC	P2115A-2
INL	DIL-16/1P	NMOS	0C/+75C	+5V	75MXMA	TTL	TTL/OC	93L415ADC	P2115AL
INL	DIL-16/1P	NMOS	0C/+75C	+5V	65MXMA	TTL	TTL/OC	P2115AL-2	P2115L
INL	DIL-16/1P	NMOS	0C/+75C	+5V	125MXMA	TTL	TTL/OC	P2115A-2	P2115-2
INL	DIL-16/1C	NMOS	0C/+75C	+5V	100MXMA	TTL	TTL/TS	P2125A-2	P2125
INL	DIL-16/1P	NMOS	0C/+75C	+5V	125MXMA	TTL	TTL/TS	93425ADC	P2125A
INL	DIL-16/1P	NMOS	0C/+75C	+5V	125MXMA	TTL	TTL/TS	93425ADC	P2125A-2
INL	DIL-16/1P	NMOS	0C/+75C	+5V	75MXMA	TTL	TTL/TS	93L415ADC	P2125AL
INL	DIL-16/1P	NMOS	0C/+75C	+5V	65MXMA	TTL	TTL/TS	P2125AL-2	P2125L
INL	DIL-16/1P	NMOS	0C/+75C	+5V	125MXMA	TTL	TTL/TS	P2125A-2	P2125-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	MCM66L41P-20	P2141L-3
INL	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	MCM66L41P-20	P2141L-4
INL	DIL-18/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL/TS	MCM66L41P-25	D2141L-5
INL	DIL-18/1P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL/TS	MCM6641P-20	P2141-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL/TS	MCM6641P-20	P2141-3
INL	DIL-18/1P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL/TS	MCM6641P-20	P2141-4
INL	DIL-18/1P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL/TS	MCM6641P-25	P2141-5
INL	DIL-20/1P	NMOS	0C/+70C	+5V		TTL	TTL/TS	TMS4047-20JL	P2142
INL	DIL-20/1P	NMOS	0C/+70C	+5V		TTL	TTL/TS	TMS4047-20JL	P2142L
INL	DIL-20/1P	NMOS	0C/+70C	+5V		TTL	TTL/TS	TMS4047-20JL	P2142L-2
INL	DIL-20/1P	NMOS	0C/+70C	+5V		TTL	TTL/TS	TMS4047-30JL	P2142L-3
INL	DIL-20/1P	NMOS	0C/+70C	+5V		TTL	TTL/TS	TMS4047-20JL	P2142-2
INL	DIL-20/1P	NMOS	0C/99C	+5V		TTL	TTL/T3	TMS4047-30JL	P2142-3
INL	DIL-24/2P	NMOS	0C/+70C	-5V/+5V/+12V	840MXMW	TTL	TTL/TS	MK30000N	P2308
ELA	DIL-24/2P	NMOS	0C/+70C	+5V	130MXMA	TTL	TTL/TS	P2308	P2308A
INL	DIL-24/2P	NMOS	0C/+70C	+5V	50MXMA	TTL	TTL/TS	MK31000N-3	P2316AL
INL	DIL-24/2P	NMOS	0C/+70C	+5V	150MXMA	TTL	TTL/TS		P2332A
INL	DIL-28/2P	NMOS	0C/+75C	+5V		TTL	TTL/TS		P2364A
INL	OIL-16/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL	ER2401 (PLASTIC)	P2401
INL	DIL-16/1P	NMOS	0C/+70C	+5V	70MXMA	TTL	TTL		P2405
INL	DIL-16/1P	NMOS	-10C/+80C	-5V/+12V	25MXMA	MOS	MOS/OD		P2416
INL	DIL-24/2P	NMOS	0C/+70C	+5V	800MXMW	TTL	TTL/TS		P2608
INL	DIL-16/1P	STLB	0C/+75C	+5V	105MXMA	TTL	TTL/OC	P3101A	P3101
INL	OIL-16/1P	STLB	0C/+75C	+5V	105MXMA	TTL	TTL/OC	N3101AN	P3101A
INL	DIL-16/1P	TTLB	0C/+75C	+5V	70MXMA	TTL	TTL	D3205	P3205
INL	DIL-18/1P	STLB	0C/+70C	+5V	120MXMA	MOS	TTL/OC	D3208A	P3208A
INL	DIL-24/2P	TTLB	0C/+75C	+5V	130MXMA	TTL	TTL/TS	D3212	P3212
INL	DIL-24/2P	TTLB	0C/+75C	+5V	130MXMA	TTL	TTL	D3214	P3214
INL	OIL-16/1P	TTLB	0C/+75C	+5V	130MXMA	TTL	TTL/TS	D3216	P3216
INL	OIL-16/1P	TTLB	0C/+75C	+5V	130MXMA	TTL	TTL/TS	SAB3226-P	P3226
SIE	DIL-16/1P	TTLB	0C/+75C	+5V	75MXMA	TTL	TTL	SAB3404-P	P3404
INL	DIL-18/1P	STLB	0C/+70C	+5V	125MXMA	MOS	TTL/TS	SAB3408-P	P3408
INL	DIL-16/1P	PMOS	0C/+70C	-10V/+5V	30MXMA	TTL	TTL	SAB4001-P	P4001
INL	DIL-16/1P	PMOS	0C/+70C	-10V/+5V	33MXMA	TTL	TTL	SAB4002-1-P	P4002-1
INL	OIL-16/1P	PMOS	0C/+70C	-10V/+5V	33MXMA	TTL	TTL	SAB4002-2-P	P4002-2
INL	DIL-16/1P	PMOS	0C/+70C	-10V/+5V	8.5MXMA	TTL	TTL	SAB4003-P	P4003
INL	DIL-16/1P	PMOS	0C/+70C	-10V/+5V	600MXMW	TTL	TTL	SAB4004-P	P4004
INL	DIL-24/2P	PMOS	0C/+70C	-10V/+5V	750MXMW	TTL	TTL	SAB4008-P	P4008
INL	DIL-24/2P	PMOS	0C/+70C	-10V/+5V	30MXMA	TTL	TTL	SAB4009-P	P4009
INL	DIL-24/2P	PMOS	0C/+70C	-10V/+5V	60MXMA	TTL	TTL	SAB4040-P	P4040
INL	OIL-16/1P	CMOS	0C/+70C	-5V/+15V	300MXMW		MOS+TTL	SAB4201A-P	P2401A
INL	DIL-28/2P	PMOS	0C/+70C	-10V/+5V	50MXMA	TTL	TTL	SAB4265-P	P4265
INL	DIL-40/2M		0C/+70C	-10V/+5V	65MXMA			SAB4269-D	P4269
INL	DIL-28/2P	PMOS	0C/+70C	-10V/+5V	400MXMW	TTL	TTL	SAB4308-P	P4308
INL	DIL-24/2P	NMOS	0C/+70C	+5V	98MXMA	TTL	TTL/TS	MCM68A316AP	P4316A
INL	OIL-22/4P	CMOS	0C/+70C	+5V	30MXMA	TTL	TTL/TS	P5101L	P5101
INL	OIL-22/4P	CMOS	0C/+70C	+5V	135MXMW	TTL	TTL/TS	S5101L/2-1C	P5101L
INL	DIL-22/4P	CMOS	0C/+70C	+5V	135MXMW	TTL	TTL/TS	S5101L/1-1C	P5101L-1
INL	DIL-22/4P	CMOS	0C/+70C	+5V	135MXMW	TTL	TTL/TS	S5101L/1-1C	P5101L-3
INL	DIL-22/4P	CMOS	0C/+70C	+5V	130MXMA	TTL	TTL/TS	P5101L-1	P5101-1
INL	DIL-22/4P	CMOS	0C/+70C	+5V	30MXMA	TTL	TTL/TS	P5101L-3	P5101-3
INL	DIL-22/4P	CMOS	0C/+70C	+5V	30MXMA	TTL	TTL/TS	S5101/8-1C	P5101-8