

DEVICE TYPE NO	FUNCTION app A	DATA WORD LENGTH	DEVICE DESCRIPTION	MICRO FAMILY app B
P8021	MICMP	8-BIT	1-CHIP MICROCOMPUTER/1KX8 ROM/64X8 RAM/21 IO/TIMER/LOW COST	8048
P8022	MICMP	8-BIT	1-CHIP MICROCOMPUTER/1KX8 ROM/64X8 RAM/21 IO/TIMER/ADC/LOW COST	8048
P8035	MICMP	8-BIT	1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048	8048
P8035L	MICMP	8-BIT	1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/ROMLESS 8048	8048
P8035-8	MICMP	8-BIT	1-CHIP MICROCOMPUTER/3MHZ CLOCK/64X8 RAM/ROMLESS 8048	8048
P8039	MICMP	8-BIT	1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049	8048
P8039L	MICMP	8-BIT	1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/ROMLESS 8049L	8048
P8039L-6	MICMP	8-BIT	1-CHIP MICROCOMPUTER/ 6MHZ CLOCK/128X8 RAM/ROMLESS 8049L	8048
P8039-6	MICMP	8-BIT	1-CHIP MICROCOMPUTER/ 6MHZ CLOCK/128X8 RAM/ROMLESS 8049	8048
P8041	PIA	8-BIT	UNIVERSAL PERIPHERAL INTERFACE FOR 8080-8048-8085-8086/INT. MROM	8080 ETC
P8048	MICMP	8-BIT	1-CHIP MICROCOMPUTER/6MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES	8048
P8048-8	MICMP	8-BIT	1-CHIP MICROCOMPUTER/3MHZ CLOCK/64X8 RAM/1024X8 ROM/27 I-O LINES	8048
P8049	MICMP	8-BIT	1-CHIP MICROCOMPUTER/11MHZ CLOCK/128X8 RAM/2KX8 MROM/27 IO/TIMER	8048
P8080A	MPU	8-BIT	1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 2uS	8080
P8080A-1	MPU	8-BIT	1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 1.3uS	8080
P8080A-2	MPU	8-BIT	1-CHIP CPU OF 8080 FAM. (APP. B)/MIN. INSTN. CYCLE 1.5uS	8080
P8085	CPU	8-BIT	1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.3uS	8085
P8085A	CPU	8-BIT	1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 1.2uS	8085
P8085A-2	CPU	8-BIT	1-CHIP CPU OF 8085 FAM./INTERNAL CLOCK/MIN. CLOCK PERIOD 0.8uS	8085
P8101	SRAM	4-BIT	1K=256X4/MAX. ACCESS 1.3uS/5X 3Y 2CS ADDRESS LINES/SEP. I-O	8080
P8101A-4	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O	8080
P8101-2	SRAM	4-BIT	1K=256X4/MAX. ACCESS 850NS/5X 3Y 2CS ADDRESS LINES/SEP. I-O	8080
P8102	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 1.3uS/5X 5Y ICE ADDRESS LINES	8080
P8102A-4	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 450NS/5X 5Y ICE ADDRESS LINES	8080
P8102A-6	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 650NS/5X 5Y ICE ADDRESS LINES	8080
P8102-2	SRAM	1-BIT	1K=1024X1/MAX. ACCESS 850NS/5X 5Y ICE ADDRESS LINES	8080
P8111	SRAM	4-BIT	1K=256X4/MAX. ACCESS 1.3uS/5X 3Y 2CE ADDRESS LINES/COMMON I-O	8080
P8111A-4	SRAM	4-BIT	1K=256X4/MAX. ACCESS 450NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O	8080
P8111-2	SRAM	4-BIT	1K=256X4/MAX. ACCESS 850NS/5X 3Y 2CE ADDRESS LINES/COMMON I-O	8080
P8155	RAMIO	8-BIT	2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK	8048/8085
P8155-2	RAMIO	8-BIT	2K=256X8/MAX. ACCESS 400NS/CE ACTIVE LOW/SRAM/I-O PORTS/CLOCK	8085A/8039
P8156	RAMIO	8-BIT	2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK	8048/8085
P8156-2	RAMIO	8-BIT	2K=256X8/MAX. ACCESS 400NS/CE ACTIVE HIGH/SRAM/I-O PORTS/CLOCK	8085A/8039
P8185	SRAM	8-BIT	8K=1024X8/MAX. ACCESS 300NS/6 ADDR. -DATA 2 ADDR. ICS LINES/STDBY	8085A
P8185-2	SRAM	8-BIT	8K=1024X8/MAX. ACCESS 200NS/6 ADDR. -DATA 2 ADDR. ICS LINES/STDBY	8085A-2
P8205	DECDR	3-BIT	1 OUT OF 8 BINARY DECODER/MAX. DELAY 18NS	8080
P8212	IP/OP	8-BIT	INPUT-OUTPUT PORT OF 8080-9080 FAMILIES (APP. B)	8080-9080
P8214	PINTC	8-BIT	PRIORITY INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B)	8080
P8216	DRVR	4-BIT	BIDIRECTIONAL BUS DRIVER, NON-INVERTING/8080 DATA BUS BUFFER DVR	8080-9080
P8224	CLOCK		2-PHASE CLOCK GEN. DRIVER FOR 8080-9080 FAMILIES (APP. B)	8080-9080
P8226	DRVR	4-BIT	BIDIRECTIONAL BUS DRIVER, INVERTING/8080 DATA BUS BUFFER DRIVER	8080-9080
P8228	SYSTC	8-BIT	SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B)	8080-9080
P8238	SYSTC	8-BIT	SYSTEM CONTROLLER BUS DRIVER FOR 8080-9080 FAMILIES (APP. B)	8080-9080
P8243	EXPIO	4-BIT	INPUT-OUTPUT EXPANDER/4 I-O PORTS AS EXTENSION FROM ONE I-O PORT	8048
P8251	USART	8-BIT	PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER	8080
P8251A	USART	8-BIT	PROGRAMMABLE UNIVERSAL SYNCH./ASYNCH. RECEIVER-TRANSMITTER	8080
P8253	PTM		PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ	8080
P8253-5	PTM		PROGRAMMABLE INTERVAL TIMER/THREE 16-BIT COUNTERS/DC-2MHZ	8085A
P8255	PIA	8-BIT	PROGRAMMABLE PERIPHERAL INTERFACE FOR 8080 FAMILY (APP. B)	8080-9080
P8255A	PIA	8-BIT	PROG. I-O PORT	8080
P8255A-5	PIA	8-BIT	PROG. I-O PORT	8080
P8257	DMAC	8-BIT	PROGRAMMABLE DMA CONTROLLER/4-CHANNEL	8080
P8257-5	DMAC	8-BIT	PROGRAMMABLE DMA CONTROLLER/4-CHANNEL/FOR 8085 SYSTEM	8085
P8259	PINTC	8-BIT	PROGRAMMABLE INTERRUPT CONTROLLER FOR 8080 FAM. (APP. B)	8080
P8259A	PINTC	8-BIT	PROGRAMMABLE INTERRUPT CONTROLLER FOR 8080A FAM. (APP. B)	8080A
P8259A-8	PINTC	8-BIT	PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085A	8085A
P8259A-8	PINTC	8-BIT	PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 FAM. (APP. B)	8085A
P8259-5	PINTC	8-BIT	PROGRAMMABLE INTERRUPT CONTROLLER FOR 8085 FAM. (APP. B)	8085
P8271	FLPDC	8-BIT	PROGR. FLOPPY DISK CONTROLLER/IBM 3740 SOFT SECTORED FORMAT/2MHZ	8080
P8275	CRTC	8-BIT	PROGRAMMABLE CRT CONTROLLER FOR 8080 FAMILY	8080
P8278	KBDSK	8-BIT	PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE/CAPACITIVE COUPLED KEYBD	8080
P8279	KBDSK	8-BIT	PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE	8080
P8279-5	KBDSK	8-BIT	PROGRAMMABLE KEYBOARD-DISPLAY INTERFACE FOR 8085 FAMILY	8085
P8282	LATCH	8-BIT	OCTAL LATCH DATA-REGISTER-BUFFER/NON-INVERTING	8080
P8283	LATCH	8-BIT	OCTAL LATCH DATA-REGISTER-BUFFER/NON-INVERTING	8080
P8284	CLOCK		CLOCK GENERATOR AND DRIVER FOR 8086 CPU	8086
P8286	TRCVR	8-BIT	DATA BUS BUFFER DRIVER FOR 8080, 8085, 8048/NON-INV.	8080 ETC
P8287	TRCVR	8-BIT	DATA BUS BUFFER DRIVER FOR 8080, 8085, 8048/INVERTING	8080 ETC
P8288	IFACE	8-BIT	BUS CONTROLLER FOR 8086 CPU	8080
P8291	SPECL	8-BIT	GPB TALKER-LISTENER/INTERFACE TO IEEE 488 DIGITAL INTERFACE BUS	8080, ETC
P8292	SPECL	8-BIT	GPB CONTROLLER/WITH 8291 IMPLEMENTS FULL IEEE 488 CONTRL FUNCTN	8080, ETC
P8294	SPECL	8-BIT	DATA ENCRYPTION UNIT FOR 8080,8048, 8085, 8086 FAMS.	8080 ETC
P8295	PRTRC	8-BIT	DOT MATRIX PRINTER CONTROLLER FOR 8080, 8048, 8085 FAMS.	8080, ETC
P8308A	MROM	8-BIT	8K=1024X8/MAX. ACCESS 400NS/6X 4Y 2CS ADDRESS LINES	GEN. PURP.
P8316A	MROM	8-BIT	16K=2048X8/MAX. ACCESS 550NS/7X 4Y 3CS ADDR. LINES/PINOUT-A	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-28/2P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL	uP8021C	P8021
INL	DIL-40/2P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL		P8022
INL	DIL-40/2P	NMOS	0C/+70C	+5V	135MXMA	TTL	TTL	D8035	P8035
INL	DIL-40/2C	NMOS	0C/+70C	+5V		TTL	TTL	D8035L	P8035L
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	P8035	P8035-8
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	D8039	P8039
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL		P8039L
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL		P8039L-6
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	P8039	P8039-6
INL	DIL-40/2P	NMOS	0C/+70C	+5V	125MXMA	TTL	TTL	D8041	P8041
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	SAB8048-C	P8048
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	SAB8048-C	P8048-8
INL	DIL-40/2P	NMOS	0C/+70C	+5V	170MXMA	TTL	TTL	MPD8049P	P8049
INL	DIL-40/2P	NMOS	0C/+70C	-5V/+5V/+12V	1.25MXW	TTL	TTL/TS	SAB8080A-P	P8080A
INL	DIL-40/2P	NMOS	0C/+70C	-5V/+5V/+12V	1.25MXW	TTL	TTL/TS	SAB8080A-1-D	P8080A-1
INL	DIL-40/2P	NMOS	0C/+70C	-5V/+5V/+12V	1.25MXW	TTL	TTL/TS		P8080A-2
INL	DIL-40/2C	NMOS	0C/+70C	+5V	170MXMA	TTL	TTL	SAB8085-P	P8085
INL	DIL-40/2C	NMOS	0C/+70C	+5V	170MXMA	TTL	TTL	D8085A	P8085A
INL	DIL-40/2C	NMOS	0C/+70C	+5V	170MXMA	TTL	TTL	D8085A-2	P8085A-2
INL	DIL-22/4P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P8101A-4	P8101
INL	DIL-22/4P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	SAB8101A-4-B	P8101A-4
INL	DIL-22/4P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P8101A-4	P8101-2
ADM	DIL-16/1P	NMOS	0C/+70C	+5V	50MXMA	TTL	TTL/TS	P8102A-4	P8102
INL	DIL-16/1P	NMOS	0C/+70C	+5V		TTL	TTL/TS	SAB8102A-4-P	P8102A-4
ADM	DIL-16/1P	NMOS	0C/+70C	+5V	50MXMA	TTL	TTL/TS	P8102A-4	P8102A-6
ADM	DIL-16/1P	NMOS	0C/+70C	+5V	50MXMA	TTL	TTL/TS	P8102A-4	P8102-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P8111A-4	P8111
INL	DIL-18/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	SAB8111A-4-P	P8111A-4
INL	DIL-18/1P	NMOS	0C/+70C	+5V	55MXMA	TTL	TTL/TS	P8111A-4	P8111-2
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	SAB8155-C	P8155
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	D8155-2	P8155-2
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	C8156	P8156
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	C8156-2	P8156-2
INL	DIL-18/1P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL	D8185	P8185
INL	DIL-18/1P	NMOS	0C/+70C	+5V	100MXMA	TTL	TTL	C8185-2	P8185-2
INL	DIL-16/1C	STLB	0C/+75C	+5V	70MXMA	TTL	TTL	SAB8205-P	P8205
INL	DIL-24/2P	TTLB	0C/+70C	+5V	130MXMA	TTL	TTL/TS	D8212	P8212
INL	DIL-24/2C	TTLB	0C/+70C	+5V	130MXMA	TTL	TTL/OC	SAB8214-P	P8214
ADM	DIL-16/1P	STLB	0C/+70C	+5V	375MXMW	TTL	TTL/TS	SAB8216P	P8216
INL	DIL-16/1P	STLB	0C/+70C	+5V/+12V	115MXMA		TTL	SAB8224-P	P8224
INL	DIL-16/1P	STLB	0C/+70C	+5V		TTL	TTL/TS	SAB8226-P	P8226
INL	DIL-28/2P	TTLB	0C/+70C	+5V	190MXMA	TTL	TTL/TS	SAB8228-P	P8228
INL	DIL-28/2P	TTLB	0C/+70C	+5V	190MXMA	TTL	TTL/TS	AM8238PC	P8238
INL	DIL-24/2C	NMOS	0C/+70C	+5V	40MXMA	TTL	TTL	SAB8243-P	P8243
INL	DIL-28/2P	NMOS	0C/+70C	+5V	80MXMA	TTL	TTL	SAB8251-P	P8251
INL	DIL-28/2P	NMOS	0C/+70C	+5V	80MXMA	TTL	TTL	SAB8251-P	P8251A
INL	DIL-24/2C	NMOS	0C/+70C	+5V	85MXMA	TTL	TTL	C8253	P8253
INL	DIL-24/2C	NMOS	0C/+70C	+5V	85MXMA	TTL	TTL	D8253-5	P8253-5
INL	DIL-40/2P	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL	uPD8255CE	P8255
INT	DIL-40/2P	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL	INS8255	P8255A
NAT	DIL-40/2P	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL	D8255A-5	P8255A-5
INL	DIL-40/2P	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL	uPD8257	P8257
INL	DIL-40/2C	NMOS	0C/+70C	+5V	120MXMA	TTL	TTL	D8257-5	P8257-5
INL	DIL-28/2P	NMOS	0C/+70C	+5V	85MXMA	TTL	TTL	uPD8259	P8259
INL	DIL-28/2P	NMOS	0C/+70C	+5V	85MXMA	TTL	TTL	D8259A	P8259A
INL	DIL-28/2C	NMOS	0C/+70C	+5V	85MXMA	TTL	TTL	D8259A-8	P8259A-8
INL	DIL-28/2C	NMOS	0C/+70C	+5V	85MXMA	TTL	TTL	D8259-A	P8259-5
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL	D8271	P8271
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL	D8275	P8275
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL		P8278
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL	SAB8279-P	P8279
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL	D8279-5	P8279-5
INL	DIL-20/1P	BIP	0C/+70C	+5V	160MXMA	TTL	TTL/TS	D8282	P8282
INL	DIL-20/1P	BIP	0C/+70C	+5V	160MXMA	TTL	TTL/TS	D8283	P8283
INL	DIL-18/1P	BIP	0C/+70C	+5V	140MXMA	TTL	TTL	D8284	P8284
INL	DIL-20/1P	BIP	0C/+70C	+5V	160MXMA	TTL	TTL/TS	D8286	P8286
INL	DIL-20/1P	BIP	0C/+70C	+5V	130MXMA	TTL	TTL/TS	D8287	P8287
INL	DIL-20/1P	BIP	0C/+70C	+5V	230MXMA	TTL	TTL/TS	D8288	P8288
INL	DIL-40/2P	NMOS	0C/+70C	+5V	180MXMA	TTL	TTL	D8291	P8291
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL	D8292	P8292
INL	DIL-40/2P	NMOS	0C/+70C	+5V	135MXMA	TTL	TTL	D8294	P8294
INL	DIL-40/2P	NMOS	0C/+70C	+5V		TTL	TTL	D8295	P8295
ELA	DIL-24/2P	NMOS	0C/+70C	+5V	130MXMA	TTL	TTL/TS	EAB8308APC	P8308A
INL	DIL-24/2P	NMOS	0C/+70C	+5V	98MXMA	TTL	TTL/TS	SAB8316A-P	P8316A