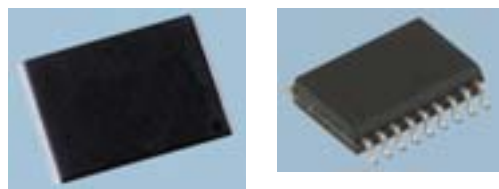


CY7C630/640 USB Microcontrollers



The CY7C630/640 is a family of 8-bit RISC One Time Programmable (OTP) microcontrollers with a built-in 1.5-Mbps USB Serial Interface Engine (SIE). They provide low-cost solution for low-speed USB applications such as mouse, gamepads, keyboards, joysticks etc.

387118

Pins/Package	Description	I/O Pins	Mftrs. List No.	Order Code	1+	Price Each	10+	100+
7C63001 20/DIL	8-Bit OTP, 4Kb EPROM, 128 bytes RAM w USB	16	CY7C63001A-PXC	891-1550	174.00	139.00	124.00	
7C63001 20/SOIC	8-Bit OTP, 4Kb EPROM, 128 bytes RAM w USB	16	CY7C63001A-SXC	891-1568	174.00	139.00	124.00	
7C63723 18/SOIC	8-Bit OTP, 8Kb EPROM, 256 bytes RAM w enCoRe USB	13	CY7C63723-SXC	891-1584	190.00	153.00	127.00	
7C64013 28/SOIC	8-Bit OTP, 8Kb PROM, 256 bytes RAM w Full Speed USB	19	CY7C64013-SXC	891-1606	310.00	264.00	235.00	

8-Bit Microprocessor ICs

80C188, 82C84

211006

Mftr.	Pins	Pkg	Description	Mftrs. List No.	Order Code	1+	25+	Price Each	100+	250+	+
80C188 INTEL	68	PLCC	8-bit CMOS CPU, 12MHz Clock (enhanced 80C88), 16-bit internal architecture	N80C188XL-12	205-801	1,126.00	827.00	697.00	--	--	--
80C188 INTEL	68	PLCC	8-bit CMOS CPU, 20MHz Clock (enhanced 80C88), 16-bit internal architecture	N80C188XL-20	631-826	980.00	752.00	673.00	--	--	--
82C84 INTS	18	DIL	CMOS Clock Generator and Driver, 25MHz	CP82C84AZ	121-6116	238.00	220.00	201.00	190.00	--	--

CAN Controllers

CAN Controller Interfaces

These devices provide the interface between the CAN protocol controller and the physical bus.

234799

Mftr.	Pins	Pkg	Description	Mftrs. List No.	Order Code	1+	10+	Price Each	100+
65 TI	8	SOIC	Transceiver, CAN, 3.3V w/36V Standoff	SN65HVD233DG4	120-7268	190.00	145.00	111.00	
65 TI	8	SOIC	Transceiver, CAN, 3.3V w/36V Standoff	SN65HVD235DG4	120-7269	190.00	145.00	111.00	
65 TI	8	SOIC	Transceiver, CAN, 3.3V w/36V Standoff	SN65HVD234D	121-2363	184.00	140.00	107.00	
65 TI	8	SOIC	Transceiver, CAN, 5.0V w/36V Standoff	SN65HVD251D	121-2364	121.00	93.00	68.00	
65 TI	8	SOIC	Transceiver, CAN, 3.3V w/Standby	SN65HVD230DR	845-2148	171.00	131.00	100.00	
65 TI	8	SOIC	Transceiver, CAN, 3.3V w/36V Standoff	SN65HVD234D	845-2164	190.00	145.00	111.00	
65 TI	8	SOIC	Transceiver, CAN, 5.0V w/36V Standoff	SN65HVD251D..	845-2202	106.00	81.00	63.00	
82 PS	8	SOIC	CAN Controller Interface (EXT TEMP)	PCA82C250T/N4	108-5275	148.00	125.00	97.00	
82 PS	8	SOIC	CAN Transceiver for 24V systems (EXT TEMP)	PCA82C251T/N3	120-1274	148.00	125.00	97.00	
82 PS	8	DIL	CAN Controller Interface (EXT TEMP)	PCA82C250/N4	369-2358	148.00	125.00	97.00	
82 PS	8	DIL	CAN Transceiver for 24V systems (EXT TEMP)	PCA82C251/N3	369-2371	148.00	125.00	97.00	
1000 PS	28	SOIC	Stand Alone CAN Controller (EXT TEMP)	SJA1000T/N1,112	880-0529	434.00	295.00	236.00	
1000 PS	28	DIL	Stand Alone CAN Controller (EXT TEMP)	SJA1000/N1,112	880-4648	442.00	300.00	241.00	
1020 PS	8	SOIC	LIN Transceiver (EXT TEMP)	TJA1020T/N1,112	880-4583	98.00	66.00	54.00	
1050 PS	8	SOIC	High Speed CAN Transceiver (EXT TEMP)	TJA1050T/N1,112	880-4613	103.00	69.00	56.00	
1054 PS	14	SOIC	Fault-Tolerant CAN Transceiver (EXT TEMP)	TJA1054T/N1,112	880-4630	229.00	156.00	125.00	
2515 MCHIP	20	TSSOP	Stand-Alone CAN Controller with SPI Interface	MCP2515-I/ST	119-6851	148.00	132.00	119.00	
9615 ST	8	SOIC	CAN bi-directional Transceiver (EXT TEMP)	L9615D	415-5592	93.00	74.00	65.00	

8-Bit Microprocessor Support ICs

210801

Mftr.	Pins	Pkg	Description	Mftrs. List No.	Order Code	1+	10+	Price Each	100+	250+
Z80										
80	ZILOG	40	DIL	Dual Asynchronous Receiver/Transmitter - 6MHz (Z80BDARTPS)	Z0847006PSG	108-1863	330.00	250.00	229.00	--
84C20	ZILOG	40	DIL	CMOS Z80A PIO - 6MHz	Z84C2006PEG	108-1865	347.00	263.00	241.00	--
84C20	ZILOG	40	DIL	CMOS Z80A PIO - 8MHz	Z84C2008PEG	108-1892	334.00	263.00	241.00	--
84C30	ZILOG	28	DIL	CMOS Z80A CTC - 6MHz	Z84C3006PEG	108-1866	347.00	263.00	241.00	--
84C40	ZILOG	40	DIL	CMOS Z80A SIO/O - 6MHz	Z84C4006PEG	108-1867	687.00	520.00	477.00	--
84C42	ZILOG	40	DIL	CMOS Z80A SIO/2 - 6MHz	Z84C4206PEG	108-1868	687.00	520.00	477.00	--
85C30	ZILOG	40	DIL	CMOS Serial Communications Controller - 8MHz	Z85C30-08PSC	295-176	528.00	400.00	367.00	--
85C30	ZILOG	40	DIL	CMOS Serial Communications Controller - 8MHz	Z85C3008PSG	108-1872	528.00	400.00	367.00	--
85C30	ZILOG	44	PLCC	CMOS Serial Communications Controller - 8MHz	Z85C30-08VSC	295-188	528.00	400.00	367.00	--
85C30	ZILOG	44	PLCC	CMOS Serial Communications Controller - 8MHz	Z85C3008VSG	108-1873	528.00	400.00	367.00	--
8530	ZILOG	40	DIL	Serial Communications Controller - 6MHz	Z0853006PSG	108-1874	567.00	430.00	394.00	--
8530	ZILOG	44	PLCC	Serial Communications Controller - 6MHz	Z0853006VSG	108-1888	567.00	430.00	394.00	--
8530	ZILOG	40	DIL	Serial Communications Controller - 8MHz	Z0853008PSG	108-1870	670.00	508.00	466.00	--
8536	ZILOG	40	DIL	Counter/Timer and Parallel I/O Unit - 6MHz	Z0853606PSG	108-1875	540.00	409.00	375.00	--
8536	ZILOG	44	PLCC	Counter/Timer and Parallel I/O Unit - 6MHz	Z08536-06VSC	595-093	611.00	462.00	450.00	--
8536	ZILOG	44	PLCC	Counter/Timer and Parallel I/O Unit - 6MHz	Z0853606VSG	108-1889	611.00	462.00	424.00	--
Integrated Z80										
84C90	ZILOG	84	PLCC	CMOS Z80 Peripheral Circuit with CTC, SIO, PIO, a byte-wide bit programmable I/O port, and a crystal oscillator, 8MHz	Z84C9008VSG	108-1869	911.00	642.00	589.00	--
I/O Expanders for 8048, 8400										
8574A	PS	16	DIL	CMOS I/O Expander for 8400/84C. Different slave address	PCF8574AP	390-197	208.00	177.00	137.00	--
8574A	PS	16	SOIC	CMOS I/O Expander for 8400/84C	PCF8574AT	120-1333	400.00	250.00	205.00	185.00
8574	PS	16	DIL	CMOS I/O Expander for 8400/84C. Different slave address	PCF8574P	204-020	224.00	194.00	164.00	141.00
8574	PS	16	SOIC	CMOS I/O Expander for 8400/84C	PCF8574T	120-1255	200.00	170.00	132.00	--