

# CYPRESS MPUs/MCUs and Development Kits



ROHS Compliant This product is RoHS compliant.

MCU / MPU / DSP

Cypress

## NEURON CHIP NETWORK PROCESSORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Package	Operating Voltage (V)	Firmware Version	Max. Input Clock (MHz)	Flash	ROM	SRAM	Timers/Counters	Price Each		
										1	25	50
727-CY753120E2-10SXI	CY7C53120E2-10SXI	SOIC-32	5.0	6	10	2K	10K	2K	2 16-Bit	11.51	10.04	9.71
727-CY753120E4-40AXI	CY7C53120E4-40AXI	TQFP-44	5.0	12	40	4K	12K	2K	2 16-Bit	11.75	10.25	9.91
727-CY753120E4-40SXI	CY7C53120E4-40SXI	SOIC-32	5.0	12	40	4K	12K	2K	2 16 Bit	15.80	13.79	13.33

## CORE KITS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Description	Price Each
727-CY3210-PSOCEVAL1	CY3210-PSOCEVAL1	Eval Board with LCD Module + Mini Prog Unit	130.31
727-CY3215-DK	CY3215-DK	PSoC DevKit (ICE-Cube) with PDIP-28 Pod	420.94
727-CY3217	CY3217	PSoC1 USB Programming Tool to program all PSoC1 (except the CY25/26xxx devices) Devices	27.19

## SPECIALTY KITS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Description	Price Each
727-CY3214PSOCEVLUSB	CY3214-PSOCEVLUSB	Evaluation Board with LCD Module + Mini Prog Unit	167.60
727-CY3218-CAPEXP1	CY3218-CAPEXP1	CapSense ExpressTM Kit (Up to 10 I/O for Buttons)	95.12
727-CY3235-PROXDET	CY3235-PROXDET	CapSense Proximity Detection Demonstration	132.01
727-CY3240-I2USB	CY3240-I2USB	I2C-USB Bridge	118.68
727-CY3267	CY3267	PowerPSoC Lighting Evaluation Kit	217.71
727-CY3268	CY3268	PowerPSoC Lighting Starter Kit	63.00
727-CY3269N	CY3269N	Lighting Starter Demonstration Kit	33.25
727-CY3270	CY3270	PSoC First Touch Starter Kit	36.56
727-CY3271	CY3271	PSoC First Touch Kit with CYFI	133.17
727-CY3271-EXP1	CY3271-EXP1	PSoC First Touch Kit with CYFI and Expansion Board	135.94
727-CY3280-20X66	CY3280-20X66	Universal CapSense Controller Kit	244.23
727-CY3280-BSM	CY3280-BSM	Simple Button Module Capsense	98.70
727-CY3675-CLKMKR1	CY3675-CLKMKR1	CyClockMaker Programming Kit	268.00
727-CY4615B	CY4615B	Hi-speed USB 2.0-to-ATA/ATAPI Bus-Powered Reference Design (with EZ-USB AT2LP)	199.00
727-CY8CKIT-001B	CY8CKIT-001B	PSoC Dev Kit 32-bit capable	249.00
727-CY8CKIT-002	CY8CKIT-002	MiniProg3 Programmer	90.00
727-CY8CKIT-008	CY8CKIT-008	PSoC CY8C29 Family Processor Kit	61.25
727-CY8CKIT-010	CY8CKIT-010	PSoC 5 Processor Module Kit	65.00
727-CY8CKIT-017	CY8CKIT-017	CAN/LIN Expansion Board Kit	62.50
727-CY8CKIT-025	CY8CKIT-025	PSoC Precision Analog Temperature Sensor Expansion Board	110.85
727-CY8CKIT-029A	CY8CKIT-029A	PSoC 3 LCD Segment Drive Expansion Board	56.25
727-CY8CKIT-030	CY8CKIT-030	PSoC3 Development Kit	99.39
727-CY8CKIT-050	CY8CKIT-050	PSoC@ 5 Development Kit	99.00

## ACCESSORY KITS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Description	Price Each
727-CY3210-29X66	CY3210-29X66	PSoC CY8C29X66 Evaluation Pod	153.75
727-CY3250-20SOIC-FK	CY3250-20SOIC-FK	4 Replacement PSoC CY3250 Emulation Pod Feet for 20 pin SOIC	109.00
727-CY3250-24X94QFN	CY3250-24X94QFN	PSoC CY8C24X94QFN Emulation Kit	343.27
727-CY3250-24X94QFN-PD	CY3250-24X94QFN-PD	2 Replacement Pods for CY3250-24X94QFN Emulation Kit	301.97
727-CY3250-27XXX	CY3250-27XXX	PSoC CY8C27X43 Non-QFN Package Emulation Kit	367.26
727-CY3250-28SOIC-FK	CY3250-28SOIC-FK	4 Replacement PSoC CY3250 Emulation Pod Feet for 28 pin SOIC	100.34
727-CY3250-28SSOP-FK	CY3250-28SSOP-FK	4 Replacement PSoC CY3250 Emulation Pod Feet for 28 pin SSOP	100.34
727-CY3250-29XXX	CY3250-29XXX	PSoC CY8C29XXX Non-QFN Package Emulation Kit	367.26

## WIRELESS USB



### Wireless USB IC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Package	Input Clock Operation	Operating Temp. (C°)	Range (Meters)	Operating Voltage (V)	Throughput (kbps)	Price Each		
								1	25	50
727-CYRF8935A-24LQXC	CYRF8935A-24LQXC	QFN-24	12MHz	-55 to 125	-----	1.9 to 3.6	1000	1.63	1.57	1.50
727-CYWUSB693448LTXC	CYWUSB6934-48LTXC	QFN-48	13MHz	0 to 70	10	2.7 to 3.6	62.5	6.20	4.96	4.57
727-CYRF6936-40LTXC	CYRF6936-40LTXC	QFN-40	-----	0 to 70	-----	1.8 to 3.6	250	2.77	2.36	2.08
727-CYUSB6953-48LFXC	CYUSB6953-48LFXC	QFN-48	13MHz	0 to 70	50	2.7 to 3.6	62.5	8.76	6.00	5.80

### Wireless USB Radio Modules

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Package	Price Each
727-CYWM6935	CYWM6935	Range of up to 50 meters. Small PCB Design: .95" (23.75mm) x .95" (23.75mm) x .212" (5.3mm) (L x W x H)	1 19.50 25 18.20 50 17.56