

CY8C4147AXI-S445



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Part Number: [CY8C4147AXI-S445](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 128KB FLASH 64TQFP

Data sheet:  [PSoC 4100S Plus](#)

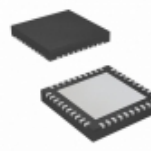
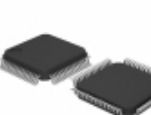
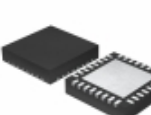
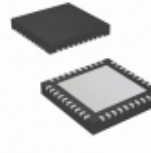
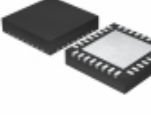
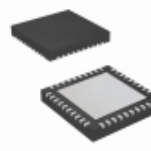
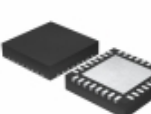
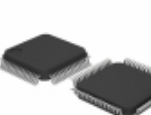
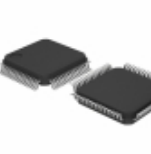
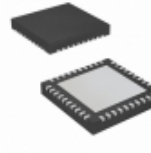
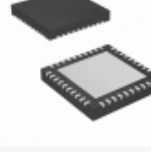
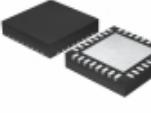
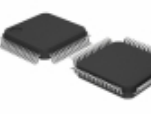
RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	CY8C4147AXI-S445	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 128KB FLASH 64TQFP	Lead Free Status / RoHS Status	
Quantity Available	32392 pcs	Data sheet	PSoC 4100S Plus
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	64-TQFP (14x14)	Speed	48MHz
Series	PSOC® 4 CY8C4100S	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, CapSense, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	428-4380
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	54	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ PSOC® 4 CY8C4100S Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-TQFP (14x14)	Data Converters	A/D 1x10b, 1x12b SAR
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART		
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	Part#: CY8C4147AZI-S465 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S422 Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4146LQI-S433T Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4147AZI-S455 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4146FNI-S433T Description: IC MCU 32BIT 64KB FLASH 35WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4147AXI-S475 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S423 Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146FNI-S443T Description: IC MCU 32BIT 64KB FLASH 35WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4147AZI-S475 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S423T Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S432T Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
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