

CY8C4248FLI-BL583T



Part Number: [CY8C4248FLI-BL583T](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP

Data sheet:  [PSoC 4XX8 BLE 4.2](#)

RoHs Status: Lead free / RoHS Compliant

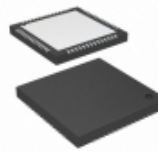
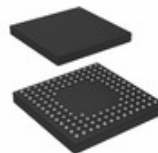
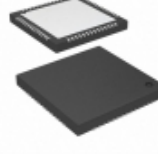
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PRODUCT PARAMETER			
Part Number	CY8C4248FLI-BL583T	Manufacturer	Cypress Semiconductor
Description	IC RF TXRX+MCU BLUETOOTH 76WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21288 pcs	Data sheet	PSoC 4XX8 BLE 4.2
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	76-WLCSP (3.87x4.04)	Speed	48MHz
Series	PSOC® 4 CY8C4xx8 BLE	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Bluetooth, Brown-out Detect/Reset, Cap Sense, DMA LCD, LVD, POR, PWM, SmartCard, SmartSense, WDT	Packaging	Tape & Reel (TR)
Package / Case	76-XFBGA, WLCSP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	36
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	17 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0 PSOC® 4 CY8C4xx8 BLE Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 76-WLCSP (3.87x4.04)	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART		
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	Part#: CY8C4247LTI-M475 Description: IC MCU 32BIT 128KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4248LQI-BL583 Description: IC MCU 32BIT 256KB FLASH 56QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4247LQI-BL493T Description: PSOC4	Manufacturers: Cypress Semiconductor	RFQ
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