

CY8C4248LQQ-BL583T



Part Number: [CY8C4248LQQ-BL583T](#)

Manufacturer: [Cypress Semiconductor](#)

Description: CY8C4248LQQ-BL583

Data sheet:  [PSoC® 4: PSoC 4100 BLE](#)

RoHs Status: Lead free / RoHS Compliant

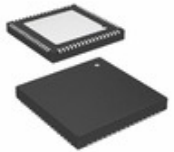
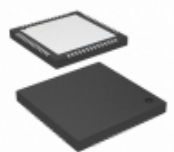
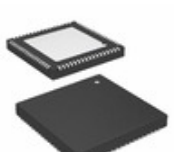
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PRODUCT PARAMETER			
Part Number	CY8C4248LQQ-BL583T	Manufacturer	Cypress Semiconductor
Description	CY8C4248LQQ-BL583	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22801 pcs	Data sheet	PSoC® 4: PSoC 4100 BLE
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	56-QFN (7x7)	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	56-UFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	36
Moisture Sensitivity Level (MSL)	3 (168 Hours)	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 56-QFN (7x7)
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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RELATED PRODUCTS			
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	Part#: CY8C4248LQI-BL483 Description: PSOC4	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4248LQI-BL473 Description: CY8C4248LQI-BL473	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4248LQI-BL573 Description: IC MCU 32BIT 256KB FLASH 56QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C5247LTI-089T Description: IC MCU 32BIT 128KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4248LQI-BL453 Description: CY8C4248LQI-BL453	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4248LQQ-BL583 Description: CY8C4248LQQ-BL583	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5247AXI-051 Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4248LTI-L485 Description: IC MCU 32BIT 256KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5247LTI-089 Description: IC MCU 32BIT 128KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5246AXI-054T Description: IC MCU 32BIT 64KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4248LQI-BL583T Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5247AXI-051T Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor	RFQ

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