



Cypress Semiconductor



Image may be representation. See specifications for product details.

CY8C4248LQI-BL583T

Part Number:

CY8C4248LQI-BL583T

Manufacturer/Brand:

Cypress Semiconductor

Product description

IC RF TXRX+MCU BLUETOOTH 76WLCSP

Datasheets:

 CY8C4248LQI-BL583T.pdf

RoHS Status

 Lead free / RoHS Compliant

Stock Condition

21970 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

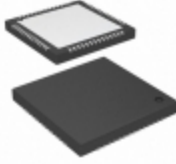
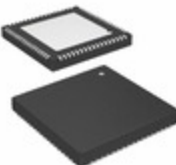
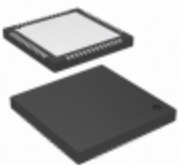
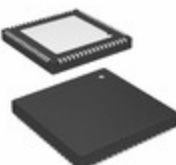
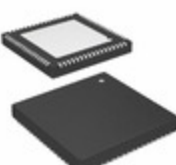
Specifications of CY8C4248LQI-BL583T

PART NUMBER	CY8C4248LQI-BL583T
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 76WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21970 pcs
DATA SHEET	 CY8C4248LQI-BL583T.pdf
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 ~ 85°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

Related Tags

Cypress Semiconductor CY8C4248LQI-BL583T	CY8C4248LQI-BL583T Distributor	CY8C4248LQI-BL583T Supplier
CY8C4248LQI-BL583T Price	CY8C4248LQI-BL583T Pictures	CY8C4248LQI-BL583T Image
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Related Products

 CY8C4248LQI-BL483T Manufacturers: Cypress Semiconductor Description: PSOC4 In stock: 24450 pcs RFQ	 CY8C4248LQQ-BL583 Manufacturers: Cypress Semiconductor Description: CY8C4248LQQ-BL583 In stock: 14428 pcs RFQ
 CY8C4248LQI-BL483 Manufacturers: Cypress Semiconductor Description: PSOC4 In stock: 14044 pcs RFQ	 CY8C4248LQI-BL473T Manufacturers: Cypress Semiconductor Description: CY8C4248LQI-BL473T In stock: 27544 pcs RFQ
 CY8C4248LQI-BL573 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 56QFN In stock: 14226 pcs RFQ	 CY8C4248LQQ-BL583T Manufacturers: Cypress Semiconductor Description: CY8C4248LQQ-BL583 In stock: 19535 pcs RFQ
 CY8C4248LTI-L475 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 68QFN In stock: 11186 pcs RFQ	 CY8C4248LQI-BL583 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 56QFN In stock: 11575 pcs RFQ
 CY8C5246LTI-029 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 68QFN In stock: 3266 pcs RFQ	 CY8C5246AXI-054T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 100TQFP In stock: 10247 pcs RFQ
 CY8C4248LTI-L485 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 256KB FLASH 68QFN In stock: 9206 pcs RFQ	 CY8C4248LQI-BL563T Manufacturers: Cypress Semiconductor Description: TNR VERSION OF CY8C4248LQI-BL563 In stock: 21528 pcs RFQ