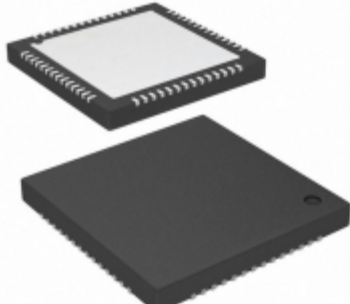


CY8C4248LQI-BL483





Part Number:

CY8C4248LQI-BL483

Manufacturer

Cypress Semiconductor

Description

PSOC4

Data sheet:

 [PSoC® 4: 4200 BLE Family](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

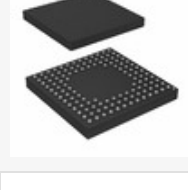
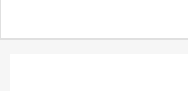
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                  |                                  |                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CY8C4248LQI-BL483                                                                                | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PSOC4                                                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24106 pcs                                                                                        | Data sheet                       | <a href="#">PSoC® 4: 4200 BLE Family</a>                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                                        | 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                        | Tray                                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 56-UFQFN Exposed Pad                                                                             | Other Names                      | 428-3593                                                                                                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                                                         | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 36                                                                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15 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 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                                                                   |                                                                                            |                                                      |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|-----|
|  | Part#: <a href="#">CY8C4248LQQ-BL583T</a><br>Description: CY8C4248LQQ-BL583                | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL573</a><br>Description: IC MCU 32BIT 256KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248FNI-BL583T</a><br>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL583</a><br>Description: IC MCU 32BIT 256KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL453</a><br>Description: CY8C4248LQI-BL453                 | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LTI-L485</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQQ-BL583</a><br>Description: CY8C4248LQQ-BL583                 | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248BZI-L489</a><br>Description: IC MCU 32BIT 256KB FLASH 124VFBG   | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL473</a><br>Description: CY8C4248LQI-BL473                 | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL483T</a><br>Description: PSOC4                            | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248FLI-BL483T</a><br>Description: IC MCU 32BIT 256KB FLASH 76WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL563T</a><br>Description: TNR VERSION OF CY8C4248LQI-BL563 | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C5246AXI-054T</a><br>Description: IC MCU 32BIT 64KB FLASH 100TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL473T</a><br>Description: CY8C4248LQI-BL473T               | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LTI-L475</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4247LTI-M475</a><br>Description: IC MCU 32BIT 128KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248AZI-L485</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248FLI-BL583T</a><br>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248LQI-BL583T</a><br>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|  | Part#: <a href="#">CY8C4248FNI-BL483T</a><br>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |

Related keywords for CY8C4248LQI-BL483

|                                         |                                              |                            |                         |
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| Cypress Semiconductor CY8C4248LQI-BL483 | Cypress Semiconductor Corp CY8C4248LQI-BL483 |                            |                         |