



Cypress Semiconductor

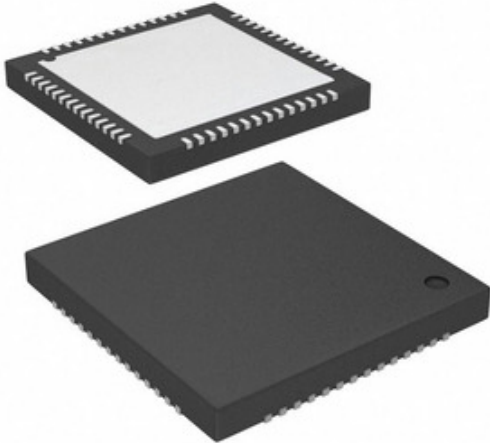


Image may be representation. See specifications for product details.

CY8C4248LQI-BL483

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4248LQI-BL483                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                   |
| Product description | PSOC4                                                                                                                   |
| Datasheets:         |  <a href="#">CY8C4248LQI-BL483.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

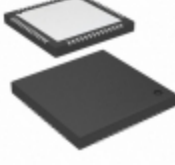
Specifications of CY8C4248LQI-BL483

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4248LQI-BL483                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                     |
| DESCRIPTION                      | PSOC4                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C4248LQI-BL483.pdf</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                                                             |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor CY8C4248LQI-BL483 | CY8C4248LQI-BL483 Distributor                | CY8C4248LQI-BL483 Supplier                  |
| CY8C4248LQI-BL483 Price                 | CY8C4248LQI-BL483 Pictures                   | CY8C4248LQI-BL483 Image                     |
| CY8C4248LQI-BL483 PDF Datasheet         | CY8C4248LQI-BL483 Download Datasheet         | CY8C4248LQI-BL483 Datasheet                 |
| CY8C4248LQI-BL483 Stock                 | Buy CY8C4248LQI-BL483                        | Buy Cypress Semiconductor CY8C4248LQI-BL483 |
| Cypress Semiconductor CY8C4248LQI-BL483 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C4248LQI-BL483 | Cypress Semiconductor Corp CY8C4248LQI-BL483 |                                             |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
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| <div><div><b>CY8C4248LQI-BL563T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: TNR VERSION OF CY8C4248LQI-BL563<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>CY8C4248LQI-BL473</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL473<br/>In stock: Out stock</div><div>RFQ</div></div>                 |
| <div><div><b>CY8C4248LQI-BL583</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 56QFN<br/>In stock: 519 pcs</div><div>RFQ</div></div>      | <div><div><b>CY8C4248FNI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>CY8C4248LQI-BL473T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL473T<br/>In stock: Out stock</div><div>RFQ</div></div>               | <div><div><b>CY8C4248FLI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>CY8C4248LQI-BL573</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 56QFN<br/>In stock: 295 pcs</div><div>RFQ</div></div>      | <div><div><b>CY8C4248LQI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>CY8C4248FNI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>CY8C4248LQQ-BL583</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQQ-BL583<br/>In stock: Out stock</div><div>RFQ</div></div>                 |
| <div><div><b>CY8C4248LQI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: Out stock</div><div>RFQ</div></div>                            | <div><div><b>CY8C4248LQI-BL453</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL453<br/>In stock: Out stock</div><div>RFQ</div></div>                 |