



Cypress Semiconductor



CY8C4248LQI-BL453

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4248LQI-BL453                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | CY8C4248LQI-BL453                                                                                            |
| Datasheets:         |  CY8C4248LQI-BL453.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19145 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

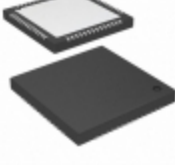
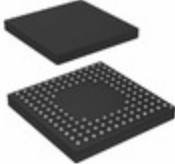
Specifications of CY8C4248LQI-BL453

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4248LQI-BL453                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | CY8C4248LQI-BL453                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 19145 pcs                                                                                                 |
| DATA SHEET                       |  CY8C4248LQI-BL453.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 LVD, POR, PWM, SmartCard, SmartSense, WDT               |
| PACKAGING                        | Tray                                                                                                      |
| 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-BL453 | CY8C4248LQI-BL453 Distributor                | CY8C4248LQI-BL453 Supplier                  |
| CY8C4248LQI-BL453 Price                 | CY8C4248LQI-BL453 Pictures                   | CY8C4248LQI-BL453 Image                     |
| CY8C4248LQI-BL453 PDF Datasheet         | CY8C4248LQI-BL453 Download Datasheet         | CY8C4248LQI-BL453 Datasheet                 |
| CY8C4248LQI-BL453 Stock                 | Buy CY8C4248LQI-BL453                        | Buy Cypress Semiconductor CY8C4248LQI-BL453 |
| Cypress Semiconductor CY8C4248LQI-BL453 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C4248LQI-BL453 | Cypress Semiconductor Corp CY8C4248LQI-BL453 |                                             |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8C4248FLI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 76WLCSP<br/>In stock: 24781 pcs</div> <div>RFQ</div> |  <div><b>CY8C4248LQI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: 24450 pcs</div> <div>RFQ</div>                            |
|  <div><b>CY8C4248AZI-L485</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 10033 pcs</div> <div>RFQ</div>    |  <div><b>CY8C4248FNI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: 26532 pcs</div> <div>RFQ</div> |
|  <div><b>CY8C4248FLI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: 20797 pcs</div> <div>RFQ</div> |  <div><b>CY8C4248LQI-BL473</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL473<br/>In stock: 17126 pcs</div> <div>RFQ</div>                 |
|  <div><b>CY8C4248FNI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: 26806 pcs</div> <div>RFQ</div> |  <div><b>CY8C4248LQI-BL573</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 56QFN<br/>In stock: 14226 pcs</div> <div>RFQ</div>    |
|  <div><b>CY8C4248LQI-BL563T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: TNR VERSION OF CY8C4248LQI-BL563<br/>In stock: 21528 pcs</div> <div>RFQ</div> |  <div><b>CY8C4248LQI-BL483</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: 14044 pcs</div> <div>RFQ</div>                             |
|  <div><b>CY8C4248BZI-L489</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 124VFBG<br/>In stock: 8088 pcs</div> <div>RFQ</div>    |  <div><b>CY8C4248LQI-BL473T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL473T<br/>In stock: 27544 pcs</div> <div>RFQ</div>               |