



Cypress Semiconductor



CY8C4248FNI-BL483T

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4248FNI-BL483T                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                    |
| Product description | IC RF TXRX+MCU BLUETOOTH 76WLCSP                                                                                         |
| Datasheets:         |  <a href="#">CY8C4248FNI-BL483T.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant             |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

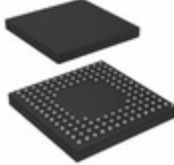
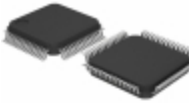
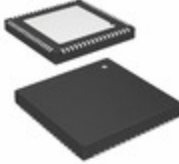
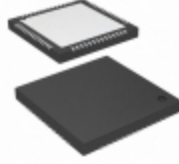
Specifications of CY8C4248FNI-BL483T

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4248FNI-BL483T                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                      |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 76WLCSP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| DATA SHEET                       |  <a href="#">CY8C4248FNI-BL483T.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 76-WLCSP (3.87x4.04)                                                                                                       |
| 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                   | 76-XFBGA, WLCSP                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 36                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                              |
| 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 76-WLCSP (3.87x4.04)           |
| 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 CY8C4248FNI-BL483T | CY8C4248FNI-BL483T Distributor                | CY8C4248FNI-BL483T Supplier                  |
| CY8C4248FNI-BL483T Price                 | CY8C4248FNI-BL483T Pictures                   | CY8C4248FNI-BL483T Image                     |
| CY8C4248FNI-BL483T PDF Datasheet         | CY8C4248FNI-BL483T Download Datasheet         | CY8C4248FNI-BL483T Datasheet                 |
| CY8C4248FNI-BL483T Stock                 | Buy CY8C4248FNI-BL483T                        | Buy Cypress Semiconductor CY8C4248FNI-BL483T |
| Cypress Semiconductor CY8C4248FNI-BL483T | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor CY8C4248FNI-BL483T | Cypress Semiconductor Corp CY8C4248FNI-BL483T |                                              |

Related Products

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|  <div><b>CY8C4248BZI-L489</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 124VFBG<br/>In stock: 199 pcs<br/><div>RFQ</div></div>     |  <div><b>CY8C4248LQI-BL473</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL473<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
|  <div><b>CY8C4248FLI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 76WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>CY8C4248LQI-BL473T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL473T<br/>In stock: Out stock<br/><div>RFQ</div></div>               |
|  <div><b>CY8C4248AZI-L485</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 476 pcs<br/><div>RFQ</div></div>      |  <div><b>CY8C4248FNI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C4248FLI-BL583T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>CY8C4247LTI-M475</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 68QFN<br/>In stock: 106 pcs<br/><div>RFQ</div></div>       |
|  <div><b>CY8C4247LTI-L485</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 68QFN<br/>In stock: 306 pcs<br/><div>RFQ</div></div>       |  <div><b>CY8C4248LQI-BL483</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: 298 pcs<br/><div>RFQ</div></div>                               |
|  <div><b>CY8C4248LQI-BL483T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: Out stock<br/><div>RFQ</div></div>                            |  <div><b>CY8C4248LQI-BL453</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4248LQI-BL453<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |