**Cypress Semiconductor**

## CYBL10999-56LQXI

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|---|---|
| Part Number: | CYBL10999-56LQXI |
| Manufacturer/Brand: | Cypress Semiconductor |
| Product description | IC TXRX PROC BLE 2.4GHZ 56QFN |
| Datasheets: | CYBL10999-56LQXI.pdf |
| 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.
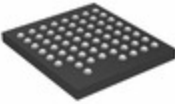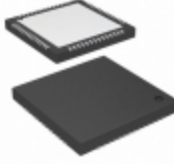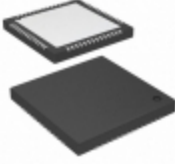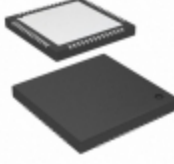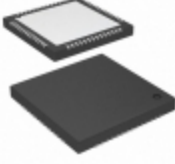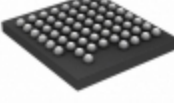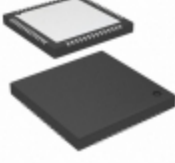
## Specifications of CYBL10999-56LQXI

| | |
|---|---|
| PART NUMBER | CYBL10999-56LQXI |
| MANUFACTURER | Cypress Semiconductor |
| DESCRIPTION | IC TXRX PROC BLE 2.4GHZ 56QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | CYBL10999-56LQXI.pdf |
| VOLTAGE - SUPPLY | 1.9 V ~ 5.5 V |
| TYPE | TxRx + MCU |
| SERIES | PRoC™ BLE |
| SERIAL INTERFACES | I²C, SPI, UART |
| SENSITIVITY | -89dBm |
| RF FAMILY/STANDARD | Bluetooth |
| PROTOCOL | Bluetooth v4.1 |
| POWER - OUTPUT | 3dBm |
| PACKAGING | Tray |
| PACKAGE / CASE | 56-UFQFN Exposed Pad |
| OTHER NAMES | 428-3592 |
| OPERATING TEMPERATURE | -40°C ~ 105°C |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| MODULATION | GFSK |
| MEMORY SIZE | 128kB Flash, 16kB SRAM |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| GPIO | 36 |
| FREQUENCY | 2.4GHz |
| DETAILED DESCRIPTION | IC RF TxRx + MCU Bluetooth Bluetooth v4.1 2.4GHz 56-UFQFN Exposed Pad |
| DATA RATE (MAX) | 1Mbps |
| CURRENT - TRANSMITTING | 15.6mA |
| CURRENT - RECEIVING | 16.4mA |

## Related Tags

| | | |
|---|---|---|
| Cypress Semiconductor CYBL10999-56LQXI | CYBL10999-56LQXI Distributor | CYBL10999-56LQXI Supplier |
| CYBL10999-56LQXI Price | CYBL10999-56LQXI Pictures | CYBL10999-56LQXI Image |
| CYBL10999-56LQXI PDF Datasheet | CYBL10999-56LQXI Download Datasheet | CYBL10999-56LQXI Datasheet |
| CYBL10999-56LQXI Stock | Buy CYBL10999-56LQXI | Buy Cypress Semiconductor CYBL10999-56LQXI |
| Cypress Semiconductor CYBL10999-56LQXI | Cypress Semiconductor Supplier | Cypress Semiconductor Distributor |
| Cypress Semiconductor CYBL10999-56LQXI | Cypress Semiconductor Corp CYBL10999-56LQXI | |

## Related Products

### CYBL10573-76FNXIT
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP
In stock: Out stock
**RFQ**

### CYBL10573-56LQXI
Manufacturers: Cypress Semiconductor
Description: IC TXRX PROC BLE 2.4GHZ 56QFN
In stock: Out stock
**RFQ**

### CYBL11172-56LQXIT
Manufacturers: Cypress Semiconductor
Description: PROC BLE
In stock: Out stock
**RFQ**

### CYBL11573-56LQXI
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX+MCU BLUETOOTH 56UFQFN
In stock: 233 pcs
**RFQ**

### CYBL11172-56LQXI
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX+MCU BLUETOOTH 56UFQFN
In stock: 117 pcs
**RFQ**

### CYBL10563-68FLXIT
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX BLUETOOTH 68WLCSP
In stock: Out stock
**RFQ**

### CYBL10573-56LQXIT
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX+MCU BLUETOOTH 56QFN
In stock: Out stock
**RFQ**

### CYBL10563-56LQXIT
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX+MCU BLUETOOTH 56QFN
In stock: Out stock
**RFQ**

### CYBL11171-56LQXIT
Manufacturers: Cypress Semiconductor
Description: PROC BLE
In stock: Out stock
**RFQ**

### CYBL11171-56LQXI
Manufacturers: Cypress Semiconductor
Description: PROC BLE
In stock: Out stock
**RFQ**

### CYBL10563-68FNXIT
Manufacturers: Cypress Semiconductor
Description: IC RF TXRX BLUETOOTH 68WLCSP
In stock: 938 pcs
**RFQ**

### CYBL10999-56LQXIT
Manufacturers: Cypress Semiconductor
Description: PROC BLE
In stock: Out stock
**RFQ**