



Cypress Semiconductor



Image may be representation. See specifications for product details.

CYBL10462-56LQXI

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CYBL10462-56LQXI                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                  |
| Product description | IC RF TXRX+MCU BLUETOOTH 56UFQFN                                                                                       |
| Datasheets:         |  <a href="#">CYBL10462-56LQXI.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 13427 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

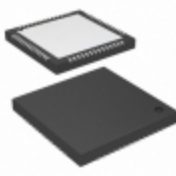
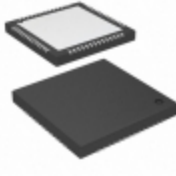
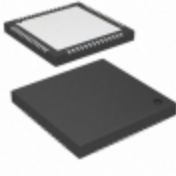
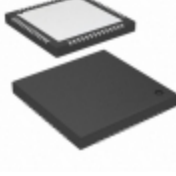
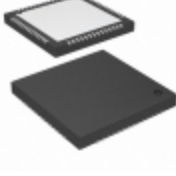
Specifications of CYBL10462-56LQXI

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CYBL10462-56LQXI                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 56UFQFN                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 13427 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CYBL10462-56LQXI.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 5.5 V                                                                                                            |
| TYPE                             | TxRx + MCU                                                                                                               |
| SERIES                           | -                                                                                                                        |
| SERIAL INTERFACES                | I²C, I²S, SPI, UART                                                                                                      |
| SENSITIVITY                      | -91dBm                                                                                                                   |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                                |
| PROTOCOL                         | Bluetooth v4.1                                                                                                           |
| POWER - OUTPUT                   | 3dBm                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 56-UFQFN Exposed Pad                                                                                                     |
| OTHER NAMES                      | 428-3356                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| MODULATION                       | GFSK                                                                                                                     |
| MEMORY SIZE                      | 128kB Flash, 8kB ROM, 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           | 12.5mA ~ 20mA                                                                                                            |
| CURRENT - RECEIVING              | 16.4mA ~ 21.5mA                                                                                                          |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CYBL10462-56LQXI | CYBL10462-56LQXI Distributor                | CYBL10462-56LQXI Supplier                  |
| CYBL10462-56LQXI Price                 | CYBL10462-56LQXI Pictures                   | CYBL10462-56LQXI Image                     |
| CYBL10462-56LQXI PDF Datasheet         | CYBL10462-56LQXI Download Datasheet         | CYBL10462-56LQXI Datasheet                 |
| CYBL10462-56LQXI Stock                 | Buy CYBL10462-56LQXI                        | Buy Cypress Semiconductor CYBL10462-56LQXI |
| Cypress Semiconductor CYBL10462-56LQXI | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CYBL10462-56LQXI | Cypress Semiconductor Corp CYBL10462-56LQXI |                                            |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>CYBL10463-56LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56UFQFN<br/>In stock: 13805 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CYBL10561-56LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56QFN<br/>In stock: 6164 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CYBL10162-56LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56QFN<br/>In stock: 4411 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>CYBL10463-56LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56QFN<br/>In stock: 6494 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CYBL10461-56LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56QFN<br/>In stock: 4717 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>CYBL10561-56LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC TRUETOUGH CAPSENSE<br/>In stock: 13903 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>CYBL10163-56LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56UFQFN<br/>In stock: 15371 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CYBL10163-56LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56QFN<br/>In stock: 5865 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CYBL10162-56LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56UFQFN<br/>In stock: 12412 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CYBL10462-56LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56QFN<br/>In stock: 4218 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CYBL10461-56LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 56UFQFN<br/>In stock: 13412 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CYBL10562-56LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC TRUETOUGH CAPSENSE<br/>In stock: 14059 pcs<br/><div>RFQ</div></div>          |