



Cypress Semiconductor



CYBLE-224116-01

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CYBLE-224116-01                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                 |
| Product description | CYBLE-224116-01                                                                                                       |
| Datasheets:         |  <a href="#">CYBLE-224116-01.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 6445 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Specifications of CYBLE-224116-01

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CYBLE-224116-01                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                   |
| DESCRIPTION                      | CYBLE-224116-01                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 6445 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CYBLE-224116-01.pdf</a> |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.6 V                                                                                                             |
| UTILIZED IC / PART               | -                                                                                                                       |
| SERIES                           | EZ-BLE™ PSoC®                                                                                                           |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                                          |
| SENSITIVITY                      | -95dBm                                                                                                                  |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                               |
| PROTOCOL                         | Bluetooth v4.2                                                                                                          |
| POWER - OUTPUT                   | 9.5dBm                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 32-SMD Module                                                                                                           |
| OTHER NAMES                      | 428-4419-2<br>CYBLE-224116-01-ND<br>CYBLE-224116-01TR<br>CYBLE-224116-01TR-ND                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| MODULATION                       | -                                                                                                                       |
| MEMORY SIZE                      | 256kB Flash, 32kB SRAM                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| FREQUENCY                        | 2.4GHz                                                                                                                  |
| DATA RATE                        | 8Mbps                                                                                                                   |
| CURRENT - TRANSMITTING           | 20mA                                                                                                                    |
| CURRENT - RECEIVING              | 21.5mA                                                                                                                  |
| ANTENNA TYPE                     | Integrated, Chip                                                                                                        |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CYBLE-224116-01 | CYBLE-224116-01 Distributor                | CYBLE-224116-01 Supplier                  |
| CYBLE-224116-01 Price                 | CYBLE-224116-01 Pictures                   | CYBLE-224116-01 Image                     |
| CYBLE-224116-01 PDF Datasheet         | CYBLE-224116-01 Download Datasheet         | CYBLE-224116-01 Datasheet                 |
| CYBLE-224116-01 Stock                 | Buy CYBLE-224116-01                        | Buy Cypress Semiconductor CYBLE-224116-01 |
| Cypress Semiconductor CYBLE-224116-01 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CYBLE-224116-01 | Cypress Semiconductor Corp CYBLE-224116-01 |                                           |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CYBT-343026-01</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE 5.0 MESH 24SM<br/>In stock: 5822 pcs<br/><div>RFQ</div></div> |  <div><b>CYBLE-224116-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MODULE KIT<br/>In stock: 4437 pcs<br/><div>RFQ</div></div>                    |
|  <div><b>CYBT-423028-02</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE 5.0 MESH 28SM<br/>In stock: 9387 pcs<br/><div>RFQ</div></div> |  <div><b>CYBLE-224110-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH 4.1<br/>In stock: 4311 pcs<br/><div>RFQ</div></div>     |
|  <div><b>CYBLE-222005-00</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH CHIP ANT<br/>In stock: 9986 pcs<br/><div>RFQ</div></div>  |  <div><b>CYBLE-224110-00</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH CHIP ANT<br/>In stock: 7321 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CYBT-343026-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: EVAL BLUETOOTH WICED MODULE<br/>In stock: 2061 pcs<br/><div>RFQ</div></div>    |  <div><b>CYBT-353027-02</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE 5.0 MESH 19SM<br/>In stock: 8166 pcs<br/><div>RFQ</div></div> |
|  <div><b>CYBLE-224110-PROG</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MODULE KIT<br/>In stock: 352 pcs<br/><div>RFQ</div></div>                     |  <div><b>CYBLE-222005-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: DEVELOPMENT KIT CYBLE-222005<br/>In stock: 4789 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CYBLE-222014-01</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH CHIP ANT<br/>In stock: 6103 pcs<br/><div>RFQ</div></div>  |  <div><b>CYBLE-222014-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: EVAL BOARD FOR CYBLE-222014<br/>In stock: 4736 pcs<br/><div>RFQ</div></div>   |