



CYBLE-014008-00

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CYBLE-014008-00                                                                                              |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | RF TXRX MOD BLUETOOTH TRACE ANT                                                                              |
| Datasheets:         |  CYBLE-014008-00.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of CYBLE-014008-00

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CYBLE-014008-00                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                   |
| DESCRIPTION                      | RF TXRX MOD BLUETOOTH TRACE ANT                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| DATA SHEET                       |  CYBLE-014008-00.pdf |
| VOLTAGE - SUPPLY                 | 1.7 V ~ 5.5 V                                                                                           |
| UTILIZED IC / PART               | -                                                                                                       |
| SERIES                           | EZ-BLE™ PSoC®                                                                                           |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                          |
| SENSITIVITY                      | -87dBm                                                                                                  |
| RF FAMILY/STANDARD               | Bluetooth                                                                                               |
| PROTOCOL                         | Bluetooth v4.1                                                                                          |
| POWER - OUTPUT                   | 3dBm                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 32-SMD Module                                                                                           |
| OTHER NAMES                      | 428-3600-2                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| MODULATION                       | -                                                                                                       |
| MEMORY SIZE                      | 128kB Flash, 16kB SRAM                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| FREQUENCY                        | 2.4GHz                                                                                                  |
| DATA RATE                        | 1Mbps                                                                                                   |
| CURRENT - TRANSMITTING           | 12.5mA ~ 20mA                                                                                           |
| CURRENT - RECEIVING              | 16.4mA ~ 21.5mA                                                                                         |
| ANTENNA TYPE                     | Integrated, Trace                                                                                       |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CYBLE-014008-00 | CYBLE-014008-00 Distributor                | CYBLE-014008-00 Supplier                  |
| CYBLE-014008-00 Price                 | CYBLE-014008-00 Pictures                   | CYBLE-014008-00 Image                     |
| CYBLE-014008-00 PDF Datasheet         | CYBLE-014008-00 Download Datasheet         | CYBLE-014008-00 Datasheet                 |
| CYBLE-014008-00 Stock                 | Buy CYBLE-014008-00                        | Buy Cypress Semiconductor CYBLE-014008-00 |
| Cypress Semiconductor CYBLE-014008-00 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CYBLE-014008-00 | Cypress Semiconductor Corp CYBLE-014008-00 |                                           |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                           |
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| <div></div> <div><b>CYBLE-014008-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: DEVELOPMENT KIT CYBLE-014008<br/>In stock: 6 pcs<br/>RFQ</div>      | <div></div> <div><b>CYBLE-014008-PROG</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MODULE KIT<br/>In stock: Out stock<br/>RFQ</div>                   |
| <div></div> <div><b>CYBLE-012011-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: EZ-BLE PROC EVALUATION BOARD<br/>In stock: 48 pcs<br/>RFQ</div>     | <div></div> <div><b>CYBLE-012012-10</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MOD EZ-BLE 4.2 PROC 48MHZ 22SMD<br/>In stock: 811 pcs<br/>RFQ</div>  |
| <div></div> <div><b>CYBLE-012011-00</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH TRACE ANT<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>CYBLE-202007-01</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH 4.2 U.FL<br/>In stock: 309 pcs<br/>RFQ</div>   |
| <div></div> <div><b>CYBLE-013025-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: EVAL BLUETOOTH WICED MODULE<br/>In stock: 9 pcs<br/>RFQ</div>       | <div></div> <div><b>CYBLE-022001-00</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: RF TXRX MOD BLUETOOTH CHIP ANT<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>CYBLE-013030-00</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE 4.1 31SMT<br/>In stock: 475 pcs<br/>RFQ</div>      | <div></div> <div><b>CYBLE-022001-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: DEVELOPMENT KIT CYBLE-022001<br/>In stock: 114 pcs<br/>RFQ</div>   |
| <div></div> <div><b>CYBLE-202007-EVAL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: EZ-BLE PROC EVALUATION BOARD<br/>In stock: 4 pcs<br/>RFQ</div>     | <div></div> <div><b>CYBLE-013025-00</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC RF TXRX+MCU BLE 4.1 31SMT<br/>In stock: Out stock<br/>RFQ</div>   |