



Energy Micro (Silicon Labs)

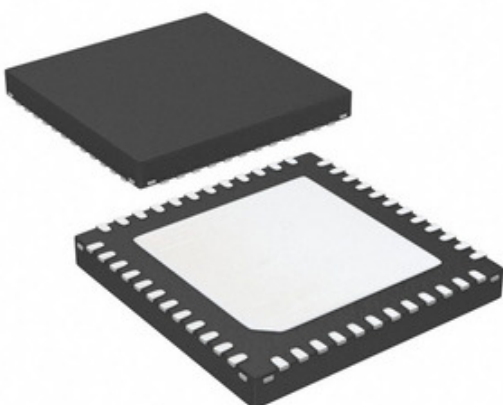


Image may be representation. See specifications for product details.

EM357-RTB

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EM357-RTB                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                     |
| Product description | IC RF TXRX+MCU 802.15.4 48-VFQFN                                                                                |
| Datasheets:         |  <a href="#">EM357-RTB.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 3662 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

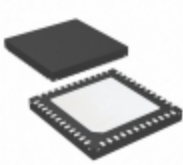
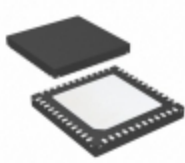
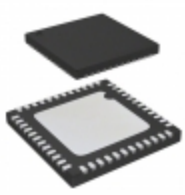
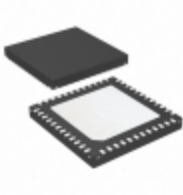
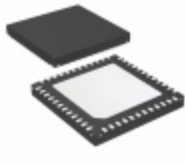
Specifications of EM357-RTB

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EM357-RTB                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                       |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 48-VFQFN                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 3662 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">EM357-RTB.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.1 V ~ 3.6 V                                                                                                     |
| TYPE                             | TxRx + MCU                                                                                                        |
| SERIES                           | -                                                                                                                 |
| SERIAL INTERFACES                | I²C, JTAG, SPI, UART                                                                                              |
| SENSITIVITY                      | -102dBm                                                                                                           |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                          |
| PROTOCOL                         | Zigbee®                                                                                                           |
| POWER - OUTPUT                   | 8dBm                                                                                                              |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                              |
| OTHER NAMES                      | Q5059680                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| MODULATION                       | O-QPSK                                                                                                            |
| MEMORY SIZE                      | 192kB Flash, 12kB RAM                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| GPIO                             | 24                                                                                                                |
| FREQUENCY                        | 2.4GHz                                                                                                            |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad                                                     |
| DATA RATE (MAX)                  | 5Mbps                                                                                                             |
| CURRENT - TRANSMITTING           | 21.5mA ~ 43.5mA                                                                                                   |
| CURRENT - RECEIVING              | 22mA ~ 28.5mA                                                                                                     |

Related Tags

|                                       |                                      |                                           |
|---------------------------------------|--------------------------------------|-------------------------------------------|
| Energy Micro (Silicon Labs) EM357-RTB | EM357-RTB Distributor                | EM357-RTB Supplier                        |
| EM357-RTB Price                       | EM357-RTB Pictures                   | EM357-RTB Image                           |
| EM357-RTB PDF Datasheet               | EM357-RTB Download Datasheet         | EM357-RTB Datasheet                       |
| EM357-RTB Stock                       | Buy EM357-RTB                        | Buy Energy Micro (Silicon Labs) EM357-RTB |
| Energy Micro (Silicon Labs) EM357-RTB | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor   |
| Energy Micro (Silicon Labs) EM357-RTB | Energy Micro EM357-RTB               | Energy Micro (Silicon Labs) EM357-RTB     |
| Silicon Laboratories EM357-RTB        | Silicon Labs EM357-RTB               |                                           |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EM357-STACK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD STACK EM357 MOD &amp; BREAKOUT<br/>In stock: 691 pcs<br/><div>RFQ</div></div> |  <div><b>EM357-ZRTR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 21609 pcs<br/><div>RFQ</div></div>        |
|  <div><b>EM357-MOD-LR-RF-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 3915 pcs<br/><div>RFQ</div></div>       |  <div><b>EM357-MOD-LR-RF-TK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 2108 pcs<br/><div>RFQ</div></div>          |
|  <div><b>EM357-MOD-RF-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE 802.15.4<br/>In stock: 2031 pcs<br/><div>RFQ</div></div>          |  <div><b>EM357-MOD-LR-ANT-T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE 802.15.4 CHIP ANT<br/>In stock: 1559 pcs<br/><div>RFQ</div></div> |
|  <div><b>EM357-RT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 9603 pcs<br/><div>RFQ</div></div>       |  <div><b>EM357-STACK-LR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD STACK LR EM357 PA MOD/BO<br/>In stock: 667 pcs<br/><div>RFQ</div></div>        |
|  <div><b>EM3581-RT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 8159 pcs<br/><div>RFQ</div></div>      |  <div><b>EM357-RTR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 9137 pcs<br/><div>RFQ</div></div>          |
|  <div><b>EM357-ZRT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 16314 pcs<br/><div>RFQ</div></div>     |  <div><b>EM357-MOD-LR-ANT-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: RF TXRX MODULE 802.15.4 CHIP ANT<br/>In stock: 2563 pcs<br/><div>RFQ</div></div> |