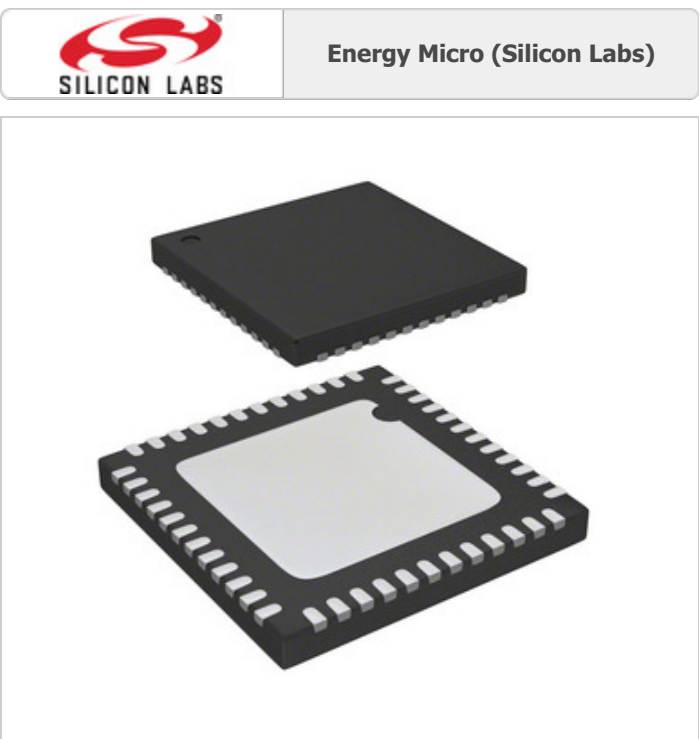




EFR32BG1B232F128GM48-B0R

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32BG1B232F128GM48-B0R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                    |
| Product description | IC RF TXRX+MCU BLUETOOTH 48QFN                                                                                                 |
| Datasheets:         |  <a href="#">EFR32BG1B232F128GM48-B0R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                   |
| Stock Condition     | 27322 pcs stock                                                                                                                |
| Ship From           | Hong Kong                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                          |

REQUEST FOR QUOTATION

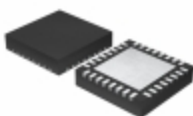
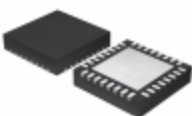
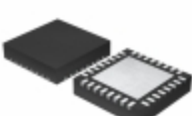
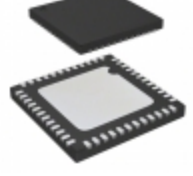
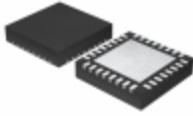
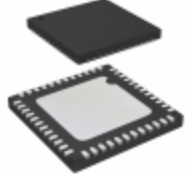
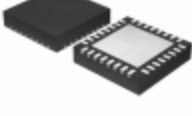
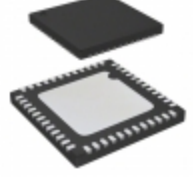
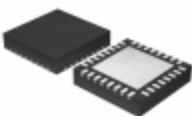
Specifications of EFR32BG1B232F128GM48-B0R

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32BG1B232F128GM48-B0R                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                      |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 48QFN                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 27322 pcs                                                                                                                        |
| DATA SHEET                       |  <a href="#">EFR32BG1B232F128GM48-B0R.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.85 V ~ 3.8 V                                                                                                                   |
| TYPE                             | TxRx + MCU                                                                                                                       |
| SERIES                           | EFR32™ Blue Gecko                                                                                                                |
| SERIAL INTERFACES                | I²C, UART, USART                                                                                                                 |
| SENSITIVITY                      | -99.2dBm                                                                                                                         |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                                        |
| PROTOCOL                         | Bluetooth v4.0                                                                                                                   |
| POWER - OUTPUT                   | 10.5dBm                                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                 |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                       |
| MODULATION                       | 2FSK, 4FSK, DSSS, GFSK, GMSK, MSK, O-QPSK                                                                                        |
| MEMORY SIZE                      | 128kB Flash, 32kB RAM                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| GPIO                             | 31                                                                                                                               |
| FREQUENCY                        | 2.4GHz                                                                                                                           |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v4.0 2.4GHz 48-VFQFN Exposed Pad                                                            |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                            |
| CURRENT - TRANSMITTING           | 8.8mA ~ 133mA                                                                                                                    |
| CURRENT - RECEIVING              | 8.7mA                                                                                                                            |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32BG1B232F128GM48-B0R | EFR32BG1B232F128GM48-B0R Distributor        | EFR32BG1B232F128GM48-B0R Supplier                        |
| EFR32BG1B232F128GM48-B0R Price                       | EFR32BG1B232F128GM48-B0R Pictures           | EFR32BG1B232F128GM48-B0R Image                           |
| EFR32BG1B232F128GM48-B0R PDF Datasheet               | EFR32BG1B232F128GM48-B0R Download Datasheet | EFR32BG1B232F128GM48-B0R Datasheet                       |
| EFR32BG1B232F128GM48-B0R Stock                       | Buy EFR32BG1B232F128GM48-B0R                | Buy Energy Micro (Silicon Labs) EFR32BG1B232F128GM48-B0R |
| Energy Micro (Silicon Labs) EFR32BG1B232F128GM48-B0R | Energy Micro (Silicon Labs) Supplier        | Energy Micro (Silicon Labs) Distributor                  |
| Energy Micro (Silicon Labs) EFR32BG1B232F128GM48-B0R | Energy Micro EFR32BG1B232F128GM48-B0R       | Energy Micro (Silicon Labs) EFR32BG1B232F128GM48-B0R     |
| Silicon Laboratories EFR32BG1B232F128GM48-B0R        | Silicon Labs EFR32BG1B232F128GM48-B0R       |                                                          |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFR32BG1B232F128GM32-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br/>In stock: 25040 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32BG1B232F256GM32-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN<br/>In stock: 24577 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFR32BG1B232F256GJ43-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 43CSP<br/>In stock: 10616 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32BG1B232F128GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br/>In stock: 24090 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFR32BG1B232F128GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 48QFN<br/>In stock: 29464 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32BG1B132F256IM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 33150 pcs<br/><b>RFQ</b></div>                       |
|  <div><b>EFR32BG1B232F128GM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br/>In stock: 31712 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32BG1B232F128GM48-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 48QFN<br/>In stock: 21910 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFR32BG1B232F256GJ43-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 43CSP<br/>In stock: 9148 pcs<br/><b>RFQ</b></div>   |  <div><b>EFR32BG1B232F256GM32-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN<br/>In stock: 23051 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFR32BG1B232F128GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 48QFN<br/>In stock: 31648 pcs<br/><b>RFQ</b></div>  |  <div><b>EFR32BG1B232F128GM32-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 32QFN<br/>In stock: 25150 pcs<br/><b>RFQ</b></div>    |