



EFR32BG12P232F1024GL125-B

|                     |                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32BG12P232F1024GL125-B                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                                                                                                                                                                |
| Product description | BLUE GECKO BGA125 2.4G 10DB BLE/<br> 1.EFR32BG12P232F1024GL125-B.pdf<br> 2.EFR32BG12P232F1024GL125-B.pdf |
| Datasheets:         |  1.EFR32BG12P232F1024GL125-B.pdf<br> 2.EFR32BG12P232F1024GL125-B.pdf                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                               |
| Stock Condition     | 12075 pcs stock                                                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                      |

REQUEST FOR QUOTATION

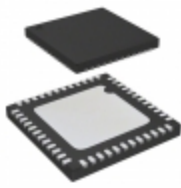
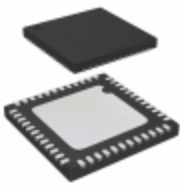
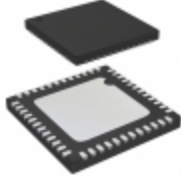
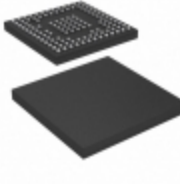
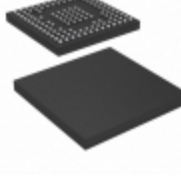
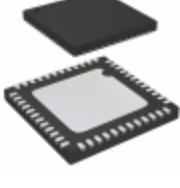
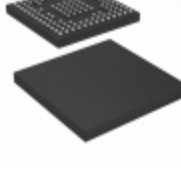
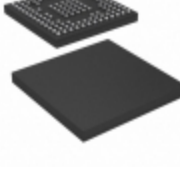
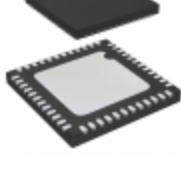
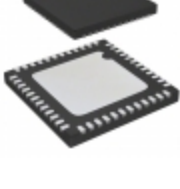
Specifications of EFR32BG12P232F1024GL125-B

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32BG12P232F1024GL125-B                                                                                                                                                                                                                  |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                |
| DESCRIPTION                      | BLUE GECKO BGA125 2.4G 10DB BLE/                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 12075 pcs                                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.EFR32BG12P232F1024GL125-B.pdf<br> 2.EFR32BG12P232F1024GL125-B.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                                                                                                                                                                              |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                                 |
| SERIES                           | Blue Gecko                                                                                                                                                                                                                                 |
| SERIAL INTERFACES                | I²C, I²S, SPI, UART                                                                                                                                                                                                                        |
| SENSITIVITY                      | -102dBm                                                                                                                                                                                                                                    |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                                                                                                                                                  |
| PROTOCOL                         | Bluetooth v4.0                                                                                                                                                                                                                             |
| POWER - OUTPUT                   | 10dBm                                                                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 125-VFBGA                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                              |
| MODULATION                       | 2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, O-QPSK                                                                                                                                                                                   |
| MEMORY SIZE                      | 1024kB Flash, 128kB RAM                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                 |
| GPIO                             | 65                                                                                                                                                                                                                                         |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v4.0 2.4GHz 125-VFBGA                                                                                                                                                                                 |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                                                                                                                                      |
| CURRENT - TRANSMITTING           | 8.2mA ~ 126.7mA                                                                                                                                                                                                                            |
| CURRENT - RECEIVING              | 8mA ~ 10.8mA                                                                                                                                                                                                                               |

Related Tags

|                                                       |                                              |                                                           |
|-------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32BG12P232F1024GL125-B | EFR32BG12P232F1024GL125-B Distributor        | EFR32BG12P232F1024GL125-B Supplier                        |
| EFR32BG12P232F1024GL125-B Price                       | EFR32BG12P232F1024GL125-B Pictures           | EFR32BG12P232F1024GL125-B Image                           |
| EFR32BG12P232F1024GL125-B PDF Datasheet               | EFR32BG12P232F1024GL125-B Download Datasheet | EFR32BG12P232F1024GL125-B Datasheet                       |
| EFR32BG12P232F1024GL125-B Stock                       | Buy EFR32BG12P232F1024GL125-B                | Buy Energy Micro (Silicon Labs) EFR32BG12P232F1024GL125-B |
| Energy Micro (Silicon Labs) EFR32BG12P232F1024GL125-B | Energy Micro (Silicon Labs) Supplier         | Energy Micro (Silicon Labs) Distributor                   |
| Energy Micro (Silicon Labs) EFR32BG12P232F1024GL125-B | Energy Micro EFR32BG12P232F1024GL125-B       | Energy Micro (Silicon Labs) EFR32BG12P232F1024GL125-B     |
| Silicon Laboratories EFR32BG12P232F1024GL125-B        | Silicon Labs EFR32BG12P232F1024GL125-B       |                                                           |

Related Products

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|  <div><b>EFR32BG12P232F1024GM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 14124 pcs<br/><b>RFQ</b></div>                        |  <div><b>EFR32BG12P232F1024GM48-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO QFN48 2.4G 10DB BLE/P<br/>In stock: 14156 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EFR32BG12P132F1024GM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 17355 pcs<br/><b>RFQ</b></div>                        |  <div><b>EFR32BG12P132F1024GL125-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 14449 pcs<br/><b>RFQ</b></div>                        |
|  <div><b>EFR32BG12P232F1024GL125-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 13832 pcs<br/><b>RFQ</b></div>                       |  <div><b>EFR32BG12P132F1024GM48-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO QFN48 2.4G 0DB BLE/PR<br/>In stock: 14826 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EFR32BG12P232F1024GL125-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 15842 pcs<br/><b>RFQ</b></div>                      |  <div><b>EFR32BG12P132F1024GL125-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 15882 pcs<br/><b>RFQ</b></div>                       |
|  <div><b>EFR32BG12P232F1024GM48-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO QFN48 2.4G 10DB BLE/P<br/>In stock: 14834 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32BG12P132F1024GM48-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO QFN48 2.4G 0DB BLE/PR<br/>In stock: 17369 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFR32BG12P132F1024GM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO<br/>In stock: 17749 pcs<br/><b>RFQ</b></div>                       |  <div><b>EFR32BG12P232F1024GL125-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO BGA125 2.4G 10DB BLE/<br/>In stock: 11850 pcs<br/><b>RFQ</b></div> |