



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFR32BG13P632F512GM48-BR

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32BG13P632F512GM48-BR                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                      |
| Product description | BLUE PREMIUM QFN48 2.4G 10 DBM B                                                                                 |
| Datasheets:         |  1.EFR32BG13P632F512GM48-BR.pdf |
|                     |  2.EFR32BG13P632F512GM48-BR.pdf |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 17963 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

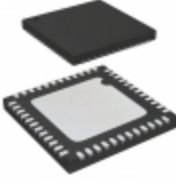
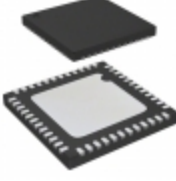
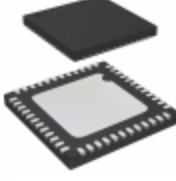
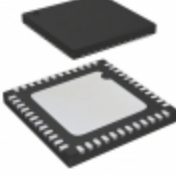
Specifications of EFR32BG13P632F512GM48-BR

|                                  |                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32BG13P632F512GM48-BR                                                                                                                                                                                                                 |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                              |
| DESCRIPTION                      | BLUE PREMIUM QFN48 2.4G 10 DBM B                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 17963 pcs                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.EFR32BG13P632F512GM48-BR.pdf<br> 2.EFR32BG13P632F512GM48-BR.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                                                                                                                                                                            |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                                                        |
| SERIAL INTERFACES                | I²C, UART, USART                                                                                                                                                                                                                         |
| SENSITIVITY                      | -102dBm                                                                                                                                                                                                                                  |
| RF FAMILY/STANDARD               | 802.15.4, Bluetooth                                                                                                                                                                                                                      |
| PROTOCOL                         | Bluetooth v5.0                                                                                                                                                                                                                           |
| POWER - OUTPUT                   | 10dBm                                                                                                                                                                                                                                    |
| 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, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK                                                                                                                                                                              |
| MEMORY SIZE                      | 512kB Flash, 64kB RAM                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                               |
| GPIO                             | 31                                                                                                                                                                                                                                       |
| FREQUENCY                        | 2.4GHz                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v5.0 2.4GHz 48-VFQFN Exposed Pad                                                                                                                                                          |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                                                                                                                                    |
| CURRENT - TRANSMITTING           | 8.5mA ~ 134.3                                                                                                                                                                                                                            |
| CURRENT - RECEIVING              | 8.4mA ~ 11mA                                                                                                                                                                                                                             |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32BG13P632F512GM48-BR | EFR32BG13P632F512GM48-BR Distributor        | EFR32BG13P632F512GM48-BR Supplier                        |
| EFR32BG13P632F512GM48-BR Price                       | EFR32BG13P632F512GM48-BR Pictures           | EFR32BG13P632F512GM48-BR Image                           |
| EFR32BG13P632F512GM48-BR PDF Datasheet               | EFR32BG13P632F512GM48-BR Download Datasheet | EFR32BG13P632F512GM48-BR Datasheet                       |
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| Silicon Laboratories EFR32BG13P632F512GM48-BR        | Silicon Labs EFR32BG13P632F512GM48-BR       |                                                          |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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|  <div><b>EFR32BG13P632F512GM48-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 10 DBM B<br/>In stock: 15130 pcs</div> <div>RFQ</div>  |  <div><b>EFR32BG13P632F512IM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 10 DBM B<br/>In stock: 13542 pcs</div> <div>RFQ</div>  |
|  <div><b>EFR32BG13P632F512IM32-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO MULTI-PROTOCOL<br/>In stock: 18762 pcs</div> <div>RFQ</div>        |  <div><b>EFR32BG13P632F512GM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 10 DBM B<br/>In stock: 18322 pcs</div> <div>RFQ</div>  |
|  <div><b>EFR32BG13P632F512IM32-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO MULTI-PROTOCOL<br/>In stock: 16611 pcs</div> <div>RFQ</div>         |  <div><b>EFR32BG13P632F512GM32-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO MULTI-PROTOCOL<br/>In stock: 18308 pcs</div> <div>RFQ</div>        |
|  <div><b>EFR32BG13P632F512GM32-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO MULTI-PROTOCOL<br/>In stock: 16919 pcs</div> <div>RFQ</div>         |  <div><b>EFR32BG13P532F512GM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL<br/>In stock: 18187 pcs</div> <div>RFQ</div>  |
|  <div><b>EFR32BG13P532F512GM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL<br/>In stock: 23062 pcs</div> <div>RFQ</div> |  <div><b>EFR32BG13P632F512IM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 10 DBM B<br/>In stock: 17512 pcs</div> <div>RFQ</div> |
|  <div><b>EFR32BG13P532F512GM48-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL<br/>In stock: 22844 pcs</div> <div>RFQ</div> |  <div><b>EFR32BG13P632F512GM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE PREMIUM QFN48 2.4G 10 DBM B<br/>In stock: 18254 pcs</div> <div>RFQ</div> |