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|  | <p><b>EFR32BG13P632F512GM48-CR</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">EFR32BG13P632F512GM48-CR</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Energy Micro (Silicon Labs)</a></p> <p><b>Part of Description:</b> BLUE PREMIUM QFN48 2.4G 10 DBM B</p> <p><b>Datasheets:</b>  <a href="#">EFR32BG13P632F512GM48-CR.pdf</a></p> <p><b>RoHS Status:</b>  RoHS Compliant</p> <p><b>Stock Condition:</b> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|  |  |
| <p>Image may be representation. See specs for product details.</p>                |  |



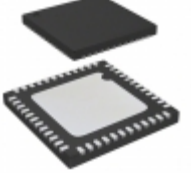

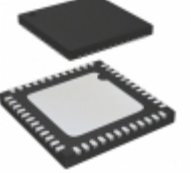
### Specifications

|                                  |  |
|----------------------------------|--|
| Part Number                      | <a href="#">EFR32BG13P632F512GM48-CR</a>               |
| Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>            |
| Description                      | BLUE PREMIUM QFN48 2.4G 10 DBM B                       |
| Category                         | <a href="#">RF/IF and RFID &gt; RF Transceiver ICs</a> |
| Part Status                      | <a href="#">Require For Quote &amp; Check Stock</a>    |
| Voltage - Supply                 | 1.8 V ~ 3.8 V  |
| Type                             | TxRx + MCU   |
| Series                           | -  |
| Serial Interfaces                | I <sup>2</sup> C, UART, USART                          |
| Sensitivity                      | -102dBm  |
| RoHS Status                      | RoHS Compliant   |
| 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,        |
| Memory Size                      | 512kB Flash, 64kB RAM                                  |
| Manufacturer Standard Lead Time  | 6 Weeks  |
| GPIO                             | 31   |
| Frequency                        | 2.4GHz   |
| Detailed Description             | IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v5.0    |
| Data Rate (Max)                  | 2Mbps  |
| Current - Transmitting           | 8.5mA ~ 134.3  |
| Current - Receiving              | 8.4mA ~ 11mA   |

EFR32BG13P632F512GM48-CR Electronic Components is 100% New Original from YIC Distributor, Search EFR32BG13P632F512GM48-CR Datasheets, PDF, Inventory at Y-IC.com Online, Order EFR32BG13P632F512GM48-CR Energy Micro (Silicon Labs) with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.

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|  <p><b>EFR32BG13P632F512IM32-CR</b><br/>Energy Micro (Silicon Labs)<br/>BLUE GECKO MULTI-PROTOCOL</p>                  |  <p><b>EFR32BG13P632F512GM48-C</b><br/>Energy Micro (Silicon Labs)<br/>BLUE PREMIUM QFN48 2.4G 10 DBM B</p> |  <p><b>EFR32BG13P632F512IM32-C</b><br/>Energy Micro (Silicon Labs)<br/>BLUE GECKO MULTI-PROTOCOL</p>         |  <p><b>EFR32BG13P632F512GM32-CR</b><br/>Energy Micro (Silicon Labs)<br/>BLUE GECKO MULTI-PROTOCOL</p>        |

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