



EFR32MG12P433F1024GM48-BR

|                     |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32MG12P433F1024GM48-BR                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                     |
| Product description | MIGHTY GECKO QFN48 DUAL 19DB MES                                                                                                |
| Datasheets:         |  <a href="#">EFR32MG12P433F1024GM48-BR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                    |
| Stock Condition     | 9852 pcs stock                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                           |

REQUEST FOR QUOTATION

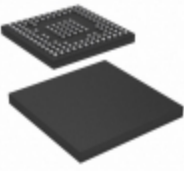
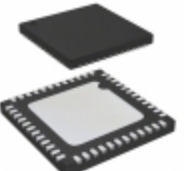
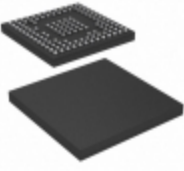
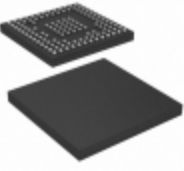
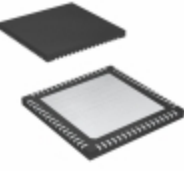
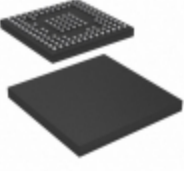
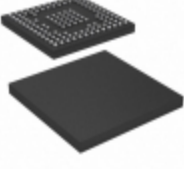
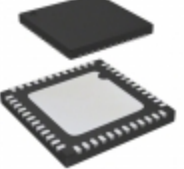
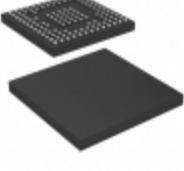
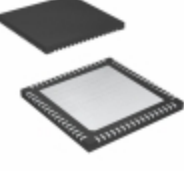
Specifications of EFR32MG12P433F1024GM48-BR

|                                  |                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32MG12P433F1024GM48-BR                                                                                                                        |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                      |
| DESCRIPTION                      | MIGHTY GECKO QFN48 DUAL 19DB MES                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                       |
| QUANTITY AVAILABLE               | 9852 pcs                                                                                                                                         |
| DATA SHEET                       |  <a href="#">EFR32MG12P433F1024GM48-BR.pdf</a>                |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                                                                                    |
| TYPE                             | TxRx + MCU                                                                                                                                       |
| SERIES                           | Mighty Gecko                                                                                                                                     |
| SERIAL INTERFACES                | I²C, I²S, SPI, UART                                                                                                                              |
| SENSITIVITY                      | -102dBm                                                                                                                                          |
| RF FAMILY/STANDARD               | 802.15.4, Bluetooth                                                                                                                              |
| PROTOCOL                         | Bluetooth v4.0, Thread, Zigbee®                                                                                                                  |
| POWER - OUTPUT                   | 20dBm                                                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                 |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                       |
| MODULATION                       | 2-FSK, 4-FSK, DSSS, GMSK, O-QPSK                                                                                                                 |
| MEMORY SIZE                      | 1024kB Flash, 256kB RAM                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                       |
| GPIO                             | 28                                                                                                                                               |
| FREQUENCY                        | 169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz, 2.4GHz                                                                                           |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Thread, Zigbee® 169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz, 2.4GHz 48-VFQFN Exposed Pad |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                                            |
| CURRENT - TRANSMITTING           | 8.2mA ~ 126.7mA                                                                                                                                  |
| CURRENT - RECEIVING              | 8mA ~ 10.8mA                                                                                                                                     |

Related Tags

|                                                       |                                              |                                                           |
|-------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32MG12P433F1024GM48-BR | EFR32MG12P433F1024GM48-BR Distributor        | EFR32MG12P433F1024GM48-BR Supplier                        |
| EFR32MG12P433F1024GM48-BR Price                       | EFR32MG12P433F1024GM48-BR Pictures           | EFR32MG12P433F1024GM48-BR Image                           |
| EFR32MG12P433F1024GM48-BR PDF Datasheet               | EFR32MG12P433F1024GM48-BR Download Datasheet | EFR32MG12P433F1024GM48-BR Datasheet                       |
| EFR32MG12P433F1024GM48-BR Stock                       | Buy EFR32MG12P433F1024GM48-BR                | Buy Energy Micro (Silicon Labs) EFR32MG12P433F1024GM48-BR |
| Energy Micro (Silicon Labs) EFR32MG12P433F1024GM48-BR | Energy Micro (Silicon Labs) Supplier         | Energy Micro (Silicon Labs) Distributor                   |
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| Silicon Laboratories EFR32MG12P433F1024GM48-BR        | Silicon Labs EFR32MG12P433F1024GM48-BR       |                                                           |

Related Products

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|  <div><b>EFR32MG12P433F1024IL125-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO<br/>In stock: 6897 pcs<br/><b>RFQ</b></div>                     |  <div><b>EFR32MG12P433F1024GM48-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO QFN48 DUAL 19DB MES<br/>In stock: 8114 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EFR32MG12P433F1024IL125-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO<br/>In stock: 8932 pcs<br/><b>RFQ</b></div>                    |  <div><b>EFR32MG12P433F1024GL125-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO BGA125 DUAL 19DB ME<br/>In stock: 8263 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFR32MG12P433F1024GM68-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: 8368 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32MG12P432F1024IM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO<br/>In stock: 12305 pcs<br/><b>RFQ</b></div>                     |
|  <div><b>EFR32MG12P433F1024GM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO<br/>In stock: 10775 pcs<br/><b>RFQ</b></div>                    |  <div><b>EFR32MG12P433F1024GL125-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO BGA125 DUAL 19DB ME<br/>In stock: 8625 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFR32MG12P433F1024GL125-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO BGA125 DUAL 19DB ME<br/>In stock: 9525 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32MG12P433F1024GM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO QFN48 DUAL 19DB MES<br/>In stock: 10148 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFR32MG12P433F1024GL125-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO<br/>In stock: 9201 pcs<br/><b>RFQ</b></div>                    |  <div><b>EFR32MG12P433F1024GM68-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO DUAL MESH MULTI-PRO<br/>In stock: 9101 pcs<br/><b>RFQ</b></div>   |