



Energy Micro (Silicon Labs)



|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32MG1P232F256IM48-C0R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                    |
| Product description | MIGHTY GECKO MESH MULTI-PROTOCOL                                                                                               |
| Datasheets:         |  <a href="#">EFR32MG1P232F256IM48-C0R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                   |
| Ship From           | Hong Kong                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                          |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

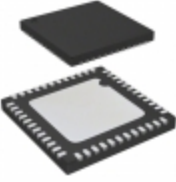
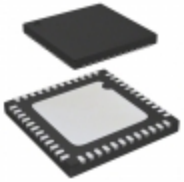
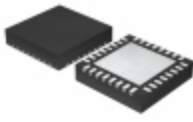
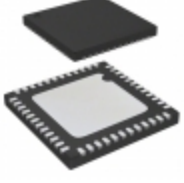
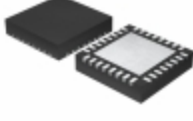
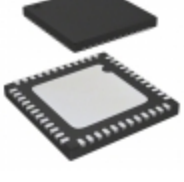
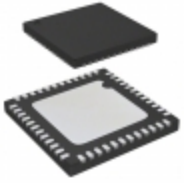
Specifications of EFR32MG1P232F256IM48-C0R

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32MG1P232F256IM48-C0R                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                      |
| DESCRIPTION                      | MIGHTY GECKO MESH MULTI-PROTOCOL                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| DATA SHEET                       |  <a href="#">EFR32MG1P232F256IM48-C0R.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                                                                    |
| TYPE                             | TxRx + MCU                                                                                                                       |
| SERIES                           | Mighty Gecko                                                                                                                     |
| SERIAL INTERFACES                | I²C, I²S, SPI, UART                                                                                                              |
| RF FAMILY/STANDARD               | 802.15.4, Bluetooth                                                                                                              |
| PROTOCOL                         | Bluetooth v4.0, Thread, Zigbee®                                                                                                  |
| POWER - OUTPUT                   | 19dBm                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                       |
| MEMORY SIZE                      | 256kB Flash, 32kB RAM                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| GPIO                             | 31                                                                                                                               |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Thread, Zigbee®                                                             |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                            |
| CURRENT - TRANSMITTING           | 8.2mA ~ 126.7mA                                                                                                                  |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32MG1P232F256IM48-C0R | EFR32MG1P232F256IM48-C0R Distributor        | EFR32MG1P232F256IM48-C0R Supplier                        |
| EFR32MG1P232F256IM48-C0R Price                       | EFR32MG1P232F256IM48-C0R Pictures           | EFR32MG1P232F256IM48-C0R Image                           |
| EFR32MG1P232F256IM48-C0R PDF Datasheet               | EFR32MG1P232F256IM48-C0R Download Datasheet | EFR32MG1P232F256IM48-C0R Datasheet                       |
| EFR32MG1P232F256IM48-C0R Stock                       | Buy EFR32MG1P232F256IM48-C0R                | Buy Energy Micro (Silicon Labs) EFR32MG1P232F256IM48-C0R |
| Energy Micro (Silicon Labs) EFR32MG1P232F256IM48-C0R | Energy Micro (Silicon Labs) Supplier        | Energy Micro (Silicon Labs) Distributor                  |
| Energy Micro (Silicon Labs) EFR32MG1P232F256IM48-C0R | Energy Micro EFR32MG1P232F256IM48-C0R       | Energy Micro (Silicon Labs) EFR32MG1P232F256IM48-C0R     |
| Silicon Laboratories EFR32MG1P232F256IM48-C0R        | Silicon Labs EFR32MG1P232F256IM48-C0R       |                                                          |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                |
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|  <div><b>EFR32MG1P233F256IM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFR32MG1P232F256IM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFR32MG1P233F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO, DUAL BAND, 256KB,<br/>In stock: 163 pcs<br/>RFQ</div>     |  <div><b>EFR32MG1P233F256IM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFR32MG1P232F256IM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFR32MG1P232F256GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>EFR32MG1P632F256GM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC TXRX+MCU 802.15.4/BLE 32QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>EFR32MG1P232F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>EFR32MG1P632F256GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC TXRX+MCU 802.15.4/BLE 32QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>EFR32MG1P232F256GM48-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB 48QFN<br/>In stock: Out stock<br/>RFQ</div>        |
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