



Energy Micro (Silicon Labs)



EFR32MG1P232F256GM32-C0R

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32MG1P232F256GM32-C0R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                    |
| Product description | IC RF TXRX+MCU 802.15.4 32-QFN                                                                                                 |
| Datasheets:         |  <a href="#">EFR32MG1P232F256GM32-C0R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                   |
| Stock Condition     | 17286 pcs stock                                                                                                                |
| Ship From           | Hong Kong                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                          |

REQUEST FOR QUOTATION

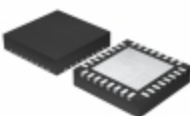
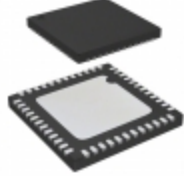
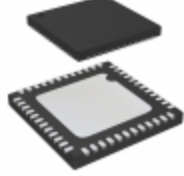
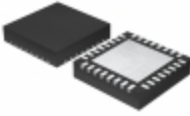
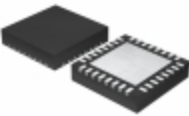
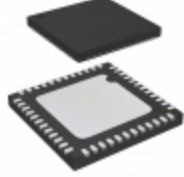
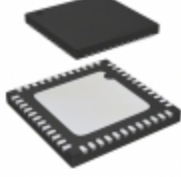
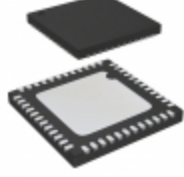
Specifications of EFR32MG1P232F256GM32-C0R

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32MG1P232F256GM32-C0R                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                      |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 32-QFN                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 17286 pcs                                                                                                                        |
| DATA SHEET                       |  <a href="#">EFR32MG1P232F256GM32-C0R.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.85 V ~ 3.8 V                                                                                                                   |
| TYPE                             | TxRx + MCU                                                                                                                       |
| SERIES                           | -                                                                                                                                |
| SERIAL INTERFACES                | I²C, I²S, SPI, UART                                                                                                              |
| SENSITIVITY                      | -99dBm                                                                                                                           |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                                         |
| PROTOCOL                         | Zigbee®                                                                                                                          |
| POWER - OUTPUT                   | 19.5dBm                                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                 |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                       |
| MODULATION                       | -                                                                                                                                |
| MEMORY SIZE                      | 256kB Flash, 32kB RAM                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| GPIO                             | 16                                                                                                                               |
| FREQUENCY                        | 2.4GHz                                                                                                                           |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 32-VFQFN Exposed Pad                                                                    |
| DATA RATE (MAX)                  | 250kbps                                                                                                                          |
| CURRENT - TRANSMITTING           | 8.2mA ~ 126.7mA                                                                                                                  |
| CURRENT - RECEIVING              | 8.7mA                                                                                                                            |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32MG1P232F256GM32-C0R | EFR32MG1P232F256GM32-C0R Distributor        | EFR32MG1P232F256GM32-C0R Supplier                        |
| EFR32MG1P232F256GM32-C0R Price                       | EFR32MG1P232F256GM32-C0R Pictures           | EFR32MG1P232F256GM32-C0R Image                           |
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| Silicon Laboratories EFR32MG1P232F256GM32-C0R        | Silicon Labs EFR32MG1P232F256GM32-C0R       |                                                          |

Related Products

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|  <div><b>EFR32MG1P132F256IM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: 14792 pcs</div> <div>RFQ</div> |  <div><b>EFR32MG1P232F256GM32-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB 32QFN<br/>In stock: 14500 pcs</div> <div>RFQ</div>       |
|  <div><b>EFR32MG1P232F256IM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: 10816 pcs</div> <div>RFQ</div>  |  <div><b>EFR32MG1P133F256GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC TXRX+MCU 802.15.4/BLE 48QFN<br/>In stock: 17222 pcs</div> <div>RFQ</div> |
|  <div><b>EFR32MG1P232F256IM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO MESH MULTI-PROTOCOL<br/>In stock: 15432 pcs</div> <div>RFQ</div> |  <div><b>EFR32MG1P232F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 15933 pcs</div> <div>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: 16956 pcs</div> <div>RFQ</div>   |  <div><b>EFR32MG1P232F256GM32-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB 32QFN<br/>In stock: 14746 pcs</div> <div>RFQ</div>        |
|  <div><b>EFR32MG1P232F256GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 32QFN<br/>In stock: 18010 pcs</div> <div>RFQ</div>    |  <div><b>EFR32MG1P232F256GM48-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB 48QFN<br/>In stock: 13438 pcs</div> <div>RFQ</div>        |
|  <div><b>EFR32MG1P232F256GM48-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB 48QFN<br/>In stock: 13047 pcs</div> <div>RFQ</div>         |  <div><b>EFR32MG1P133F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO, DUAL BAND, 256KB,<br/>In stock: 17197 pcs</div> <div>RFQ</div> |