



EFR32FG1P132F256GM48-C0R

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32FG1P132F256GM48-C0R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                    |
| Product description | IC RF TXRX+MCU ISM>1GHZ 48QFN                                                                                                  |
| Datasheets:         |  <a href="#">EFR32FG1P132F256GM48-C0R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                   |
| Stock Condition     | 20526 pcs stock                                                                                                                |
| Ship From           | Hong Kong                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                          |

REQUEST FOR QUOTATION

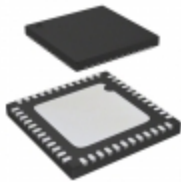
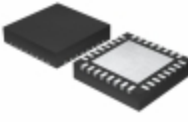
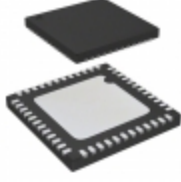
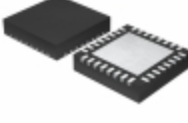
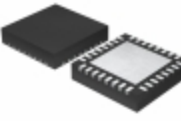
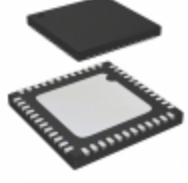
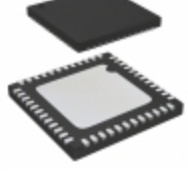
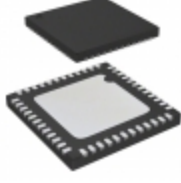
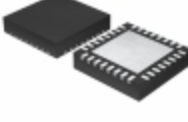
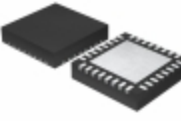
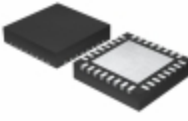
Specifications of EFR32FG1P132F256GM48-C0R

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32FG1P132F256GM48-C0R                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                      |
| DESCRIPTION                      | IC RF TXRX+MCU ISM>1GHZ 48QFN                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 20526 pcs                                                                                                                        |
| DATA SHEET                       |  <a href="#">EFR32FG1P132F256GM48-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               | -                                                                                                                                |
| PROTOCOL                         | Flex Gecko                                                                                                                       |
| POWER - OUTPUT                   | 19.5dBm                                                                                                                          |
| 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, GFSK, GMSK, OQPSK                                                                                                    |
| MEMORY SIZE                      | 256kB Flash, 32kB RAM                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| GPIO                             | 31                                                                                                                               |
| FREQUENCY                        | 2.4GHz                                                                                                                           |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Flex Gecko 2.4GHz 48-VFQFN Exposed Pad                                                                          |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                            |
| CURRENT - TRANSMITTING           | 8.2mA ~ 126.7mA                                                                                                                  |
| CURRENT - RECEIVING              | 8.7mA                                                                                                                            |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32FG1P132F256GM48-C0R | EFR32FG1P132F256GM48-C0R Distributor        | EFR32FG1P132F256GM48-C0R Supplier                        |
| EFR32FG1P132F256GM48-C0R Price                       | EFR32FG1P132F256GM48-C0R Pictures           | EFR32FG1P132F256GM48-C0R Image                           |
| EFR32FG1P132F256GM48-C0R PDF Datasheet               | EFR32FG1P132F256GM48-C0R Download Datasheet | EFR32FG1P132F256GM48-C0R Datasheet                       |
| EFR32FG1P132F256GM48-C0R Stock                       | Buy EFR32FG1P132F256GM48-C0R                | Buy Energy Micro (Silicon Labs) EFR32FG1P132F256GM48-C0R |
| Energy Micro (Silicon Labs) EFR32FG1P132F256GM48-C0R | Energy Micro (Silicon Labs) Supplier        | Energy Micro (Silicon Labs) Distributor                  |
| Energy Micro (Silicon Labs) EFR32FG1P132F256GM48-C0R | Energy Micro EFR32FG1P132F256GM48-C0R       | Energy Micro (Silicon Labs) EFR32FG1P132F256GM48-C0R     |
| Silicon Laboratories EFR32FG1P132F256GM48-C0R        | Silicon Labs EFR32FG1P132F256GM48-C0R       |                                                          |

Related Products

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|  <div><b>EFR32FG1P132F64GM48-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/>In stock: 20215 pcs<br/><b>RFQ</b></div>   |  <div><b>EFR32FG1P132F64GM32-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: 20047 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFR32FG1P132F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48QFN<br/>In stock: 17389 pcs<br/><b>RFQ</b></div>     |  <div><b>EFR32FG1P132F64GM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32QFN<br/>In stock: 27201 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFR32FG1P132F256GM32-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: 20091 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32FG1P132F256GM48-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/>In stock: 17709 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFR32FG1P132F64GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32QFN<br/>In stock: 20244 pcs<br/><b>RFQ</b></div>      |  <div><b>EFR32FG1P132F64GM48-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/>In stock: 23131 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFR32FG1P132F256GM48-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/>In stock: 21315 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32FG1P132F256GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32QFN<br/>In stock: 19666 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFR32FG1P132F64GM32-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: 20007 pcs<br/><b>RFQ</b></div>  |  <div><b>EFR32FG1P132F256GM32-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32QFN<br/>In stock: 25162 pcs<br/><b>RFQ</b></div>   |