

SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

### EFR32FG13P231F512GM48-CR

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32FG13P231F512GM48-CR                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                    |
| Product description | FLEX PREMIUM QFN48 SUBG 19 DBM N                                                                                               |
| Datasheets:         |  <a href="#">EFR32FG13P231F512GM48-CR.pdf</a> |
| RoHs Status         |  RoHS Compliant                               |
| Stock Condition     | 17673 pcs stock                                                                                                                |
| Ship From           | Hong Kong                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                          |

REQUEST FOR QUOTATION

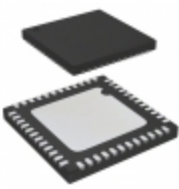
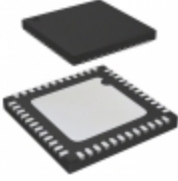
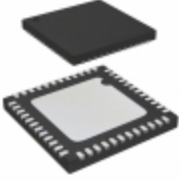
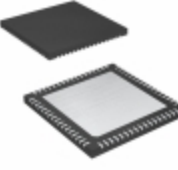
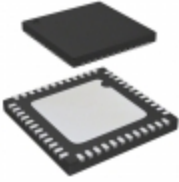
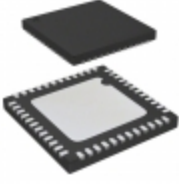
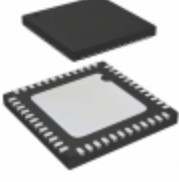
#### Specifications of EFR32FG13P231F512GM48-CR

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32FG13P231F512GM48-CR                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                      |
| DESCRIPTION                      | FLEX PREMIUM QFN48 SUBG 19 DBM N                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | RoHS Compliant                                                                                                                   |
| QUANTITY AVAILABLE               | 17673 pcs                                                                                                                        |
| DATA SHEET                       |  <a href="#">EFR32FG13P231F512GM48-CR.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                                                                    |
| SERIES                           | -                                                                                                                                |
| SERIAL INTERFACES                | I <sup>2</sup> C, UART, USART                                                                                                    |
| SENSITIVITY                      | -102dBm                                                                                                                          |
| ROHS STATUS                      | RoHS Compliant                                                                                                                   |
| RF FAMILY/STANDARD               | General ISM < 1GHz                                                                                                               |
| PROTOCOL                         | -                                                                                                                                |
| 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, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK                                                                    |
| MEMORY SIZE                      | 512kB Flash, 64kB RAM                                                                                                            |
| GPIO                             | 32                                                                                                                               |
| FREQUENCY                        | 169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz                                                                                   |
| DETAILED DESCRIPTION             | IC RF General ISM                                                                                                                |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                            |
| CURRENT - TRANSMITTING           | 8.5mA ~ 134.3                                                                                                                    |
| CURRENT - RECEIVING              | 8.4mA ~ 11mA                                                                                                                     |

#### Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32FG13P231F512GM48-CR | EFR32FG13P231F512GM48-CR Distributor        | EFR32FG13P231F512GM48-CR Supplier                        |
| EFR32FG13P231F512GM48-CR Price                       | EFR32FG13P231F512GM48-CR Pictures           | EFR32FG13P231F512GM48-CR Image                           |
| EFR32FG13P231F512GM48-CR PDF Datasheet               | EFR32FG13P231F512GM48-CR Download Datasheet | EFR32FG13P231F512GM48-CR Datasheet                       |
| EFR32FG13P231F512GM48-CR Stock                       | Buy EFR32FG13P231F512GM48-CR                | Buy Energy Micro (Silicon Labs) EFR32FG13P231F512GM48-CR |
| Energy Micro (Silicon Labs) EFR32FG13P231F512GM48-CR | Energy Micro (Silicon Labs) Supplier        | Energy Micro (Silicon Labs) Distributor                  |
| Energy Micro (Silicon Labs) EFR32FG13P231F512GM48-CR | Energy Micro EFR32FG13P231F512GM48-CR       | Energy Micro (Silicon Labs) EFR32FG13P231F512GM48-CR     |
| Silicon Laboratories EFR32FG13P231F512GM48-CR        | Silicon Labs EFR32FG13P231F512GM48-CR       |                                                          |

#### Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                       |
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| <div></div> <div><b>EFR32FG13P231F512GM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX PREMIUM QFN48 SUBG 19 DBM N<br/>In stock: 16384 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EFR32FG13P231F512GM32-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKO QFN32 SUBG 20DB PROPR<br/>In stock: 9804 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EFR32FG13P232F512GM32-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKO QFN32 2.4G 19DB PROPR<br/>In stock: 9700 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>EFR32FG13P231F512IM32-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKO PROPRIETARY<br/>In stock: 13149 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>EFR32FG12P433F1024GM68-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKO DUAL PROPRIETARY<br/>In stock: 11433 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>EFR32FG13P231F512IM48-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX PREMIUM QFN48 SUBG 19 DBM N<br/>In stock: 16245 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>EFR32FG13P231F512GM48-BR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX PREMIUM QFN48 SUBG 19 DBM N<br/>In stock: 15939 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>EFR32FG13P232F512GM32-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKO PROPRIETARY<br/>In stock: 19383 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>EFR32FG13P231F512IM48-C</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX PREMIUM QFN48 SUBG 19 DBM N<br/>In stock: 15653 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EFR32FG13P231F512GM32-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKOPROPRIETARY<br/>In stock: 18770 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>EFR32FG13P231F512GM48-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX PREMIUM QFN48 SUBG 19 DBM N<br/>In stock: 14086 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>EFR32FG13P231F512IM32-CR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: FLEX GECKO PROPRIETARY<br/>In stock: 15860 pcs<br/><div>RFQ</div></div>           |