



Energy Micro (Silicon Labs)

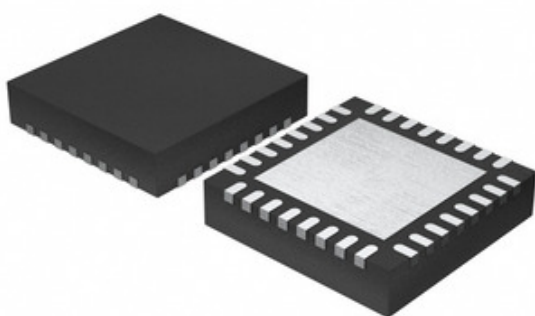


Image may be representation. See specifications for product details.

EFR32BG1P332F256GM32-C0R

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFR32BG1P332F256GM32-C0R                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                    |
| Product description | BLUE GECKO PREMIUM                                                                                             |
| Datasheets:         |  EFR32BG1P332F256GM32-C0R.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 16927 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

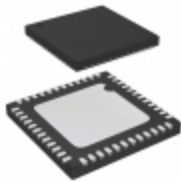
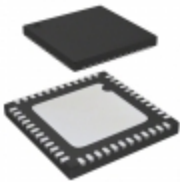
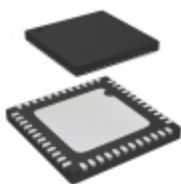
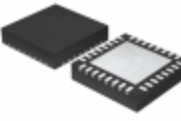
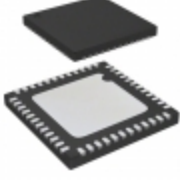
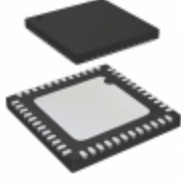
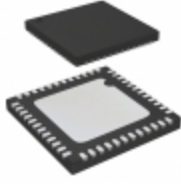
Specifications of EFR32BG1P332F256GM32-C0R

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFR32BG1P332F256GM32-C0R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                      |
| DESCRIPTION                      | BLUE GECKO PREMIUM                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 16927 pcs                                                                                                        |
| DATA SHEET                       |  EFR32BG1P332F256GM32-C0R.pdf |
| VOLTAGE - SUPPLY                 | 1.85 V ~ 3.8 V                                                                                                   |
| TYPE                             | TxRx + MCU                                                                                                       |
| SERIES                           | -                                                                                                                |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                                   |
| SENSITIVITY                      | -94dBm                                                                                                           |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                        |
| PROTOCOL                         | Bluetooth v4.0                                                                                                   |
| 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                       | 2FSK, 4FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK                                                      |
| 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 Bluetooth Bluetooth v4.0 2.4GHz 32-VFQFN Exposed Pad                                            |
| DATA RATE (MAX)                  | 2Mbps                                                                                                            |
| CURRENT - TRANSMITTING           | 32.7mA                                                                                                           |
| CURRENT - RECEIVING              | 8.7mA                                                                                                            |

Related Tags

|                                                      |                                             |                                                          |
|------------------------------------------------------|---------------------------------------------|----------------------------------------------------------|
| Energy Micro (Silicon Labs) EFR32BG1P332F256GM32-C0R | EFR32BG1P332F256GM32-C0R Distributor        | EFR32BG1P332F256GM32-C0R Supplier                        |
| EFR32BG1P332F256GM32-C0R Price                       | EFR32BG1P332F256GM32-C0R Pictures           | EFR32BG1P332F256GM32-C0R Image                           |
| EFR32BG1P332F256GM32-C0R PDF Datasheet               | EFR32BG1P332F256GM32-C0R Download Datasheet | EFR32BG1P332F256GM32-C0R Datasheet                       |
| EFR32BG1P332F256GM32-C0R Stock                       | Buy EFR32BG1P332F256GM32-C0R                | Buy Energy Micro (Silicon Labs) EFR32BG1P332F256GM32-C0R |
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| Energy Micro (Silicon Labs) EFR32BG1P332F256GM32-C0R | Energy Micro EFR32BG1P332F256GM32-C0R       | Energy Micro (Silicon Labs) EFR32BG1P332F256GM32-C0R     |
| Silicon Laboratories EFR32BG1P332F256GM32-C0R        | Silicon Labs EFR32BG1P332F256GM32-C0R       |                                                          |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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|  <div><b>EFR32BG1P332F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM<br/>In stock: 16187 pcs<br/><b>RFQ</b></div>                |  <div><b>EFR32BG1P233F256GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM, DUAL-BAND, 2<br/>In stock: 17580 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFR32BG1P333F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM, DUAL-BAND, 2<br/>In stock: 14240 pcs<br/><b>RFQ</b></div>  |  <div><b>EFR32BG1P333F256IM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PROPRIETARY<br/>In stock: 12950 pcs<br/><b>RFQ</b></div>            |
|  <div><b>EFR32BG1P332F256GM32-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM<br/>In stock: 15985 pcs<br/><b>RFQ</b></div>                |  <div><b>EFR32BG1P332F256GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM<br/>In stock: 21012 pcs<br/><b>RFQ</b></div>               |
|  <div><b>EFR32BG1P233F256GM48-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM, DUAL-BAND, 2<br/>In stock: 19128 pcs<br/><b>RFQ</b></div>  |  <div><b>EFR32BG1P332F256GJ43-C0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 43CSP<br/>In stock: 7332 pcs<br/><b>RFQ</b></div>     |
|  <div><b>EFR32BG1P232F256IM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PROPRIETARY<br/>In stock: 19604 pcs<br/><b>RFQ</b></div>           |  <div><b>EFR32BG1P332F256GJ43-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU BLUETOOTH 43CSP<br/>In stock: 6938 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFR32BG1P333F256GM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PREMIUM, DUAL-BAND, 2<br/>In stock: 14780 pcs<br/><b>RFQ</b></div> |  <div><b>EFR32BG1P333F256IM48-C0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUE GECKO PROPRIETARY<br/>In stock: 13559 pcs<br/><b>RFQ</b></div>           |