




Energy Micro (Silicon Labs)

EFR32FG1P132F256GM32-C0R

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| Part Number: | EFR32FG1P132F256GM32-C0R |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | IC RF TXRX+MCU ISM>1GHZ 32QFN |
| Datasheets: | PDF EFR32FG1P132F256GM32-C0R.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of EFR32FG1P132F256GM32-C0R

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|----------------------------------|---|
| PART NUMBER | EFR32FG1P132F256GM32-C0R |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | IC RF TXRX+MCU ISM>1GHZ 32QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF EFR32FG1P132F256GM32-C0R.pdf |
| VOLTAGE - SUPPLY | 1.85 V ~ 3.8 V |
| TYPE | TxRx + MCU |
| SERIES | - |
| SERIAL INTERFACES | I ² C, I ² S, SPI, UART |
| SENSITIVITY | -99dBm |
| RF FAMILY/STANDARD | - |
| PROTOCOL | Flex Gecko |
| 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, GFSK, GMSK, OQPSK |
| MEMORY SIZE | 256kB Flash, 32kB RAM |
| MANUFACTURER STANDARD LEAD TIME | 6 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| GPIO | 16 |
| FREQUENCY | 2.4GHz |
| DETAILED DESCRIPTION | IC RF TxRx + MCU Flex Gecko 2.4GHz 32-VFQFN Exposed Pad |
| DATA RATE (MAX) | 2Mbps |
| CURRENT - TRANSMITTING | 8.2mA ~ 126.7mA |
| CURRENT - RECEIVING | 8.7mA |

Related Tags

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| Silicon Laboratories EFR32FG1P132F256GM32-C0R | Silicon Labs EFR32FG1P132F256GM32-C0R | |

Related Products

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|  <p>EFR32FG1P132F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: Out stock</p> <p>RFQ</p> |  <p>EFR32FG1P132F128GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: Out stock</p> <p>RFQ</p> |
|  <p>EFR32FG1P132F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: Out stock</p> <p>RFQ</p> |  <p>EFR32FG1P132F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48QFN In stock: Out stock</p> <p>RFQ</p> |
|  <p>EFR32FG1P132F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: Out stock</p> <p>RFQ</p> |  <p>EFR32FG1P132F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48QFN In stock: 485 pcs</p> <p>RFQ</p> |
|  <p>EFR32FG1P132F64GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: Out stock</p> <p>RFQ</p> |  <p>EFR32FG1P132F64GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: Out stock</p> <p>RFQ</p> |
|  <p>EFR32FG1P132F128GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: Out stock</p> <p>RFQ</p> |  <p>EFR32FG1P132F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32QFN In stock: 382 pcs</p> <p>RFQ</p> |
|  <p>EFR32FG1P132F128GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: 420 pcs</p> <p>RFQ</p> |  <p>EFR32FG1P132F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: Out stock</p> <p>RFQ</p> |