





Energy Micro (Silicon Labs)


EFR32FG1P132F256GM48-B0

Part Number:	EFR32FG1P132F256GM48-B0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC RF TXRX+MCU ISM>1GHZ 48-VFQFN
Datasheets:	 EFR32FG1P132F256GM48-B0.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of EFR32FG1P132F256GM48-B0

PART NUMBER	EFR32FG1P132F256GM48-B0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU ISM>1GHZ 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32FG1P132F256GM48-B0.pdf
VOLTAGE - SUPPLY	1.85 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Flex Gecko
SERIAL INTERFACES	I ² C, UART, USART
SENSITIVITY	-99.2dBm
RF FAMILY/STANDARD	General ISM > 1GHZ
PROTOCOL	-
POWER - OUTPUT	19.5dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	336-3500
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	6 (Time on Label)
MODULATION	2FSK, 4FSK, DSSS, GFSK, GMSK, MSK, O-QPSK
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 General ISM > 1GHZ 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.8mA ~ 133mA
CURRENT - RECEIVING	8.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32FG1P132F256GM48-B0	EFR32FG1P132F256GM48-B0 Distributor	EFR32FG1P132F256GM48-B0 Supplier
EFR32FG1P132F256GM48-B0 Price	EFR32FG1P132F256GM48-B0 Pictures	EFR32FG1P132F256GM48-B0 Image
EFR32FG1P132F256GM48-B0 PDF Datasheet	EFR32FG1P132F256GM48-B0 Download Datasheet	EFR32FG1P132F256GM48-B0 Datasheet
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Related Products

 <p>EFR32FG1P132F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-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>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>EFR32FG1P132F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32QFN 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>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-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48QFN In stock: Out stock</p> <p>RFQ</p>	 <p>EFR32FG1P132F64GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32QFN In stock: 440 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-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-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>EFR32FG1P132F64GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: Out stock</p> <p>RFQ</p>