




Energy Micro (Silicon Labs)

EFR32FG12P431F1024IM48-C

Part Number:	EFR32FG12P431F1024IM48-C
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	FLEX GECKO
Datasheets:	1.EFR32FG12P431F1024IM48-C.pdf 2.EFR32FG12P431F1024IM48-C.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.

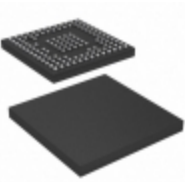
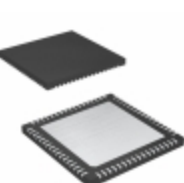
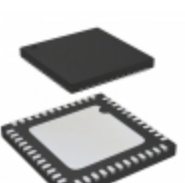
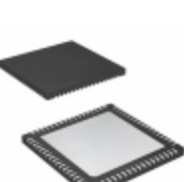
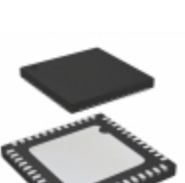
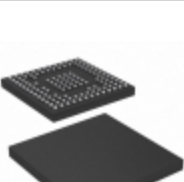
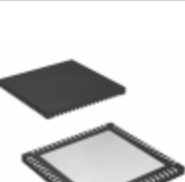
Specifications of EFR32FG12P431F1024IM48-C

PART NUMBER	EFR32FG12P431F1024IM48-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	FLEX GECKO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.EFR32FG12P431F1024IM48-C.pdf 2.EFR32FG12P431F1024IM48-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Flex Gecko
SERIAL INTERFACES	I ² C, I ² S, IrDA, SPI, USART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	-
PROTOCOL	Flex Gecko
POWER - OUTPUT	20dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 125°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2FSK, 4FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK
MEMORY SIZE	1024kB Flash, 256kB RAM
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	31
FREQUENCY	169MHz, 433MHz, 868MHz, 915MHz
DETAILED DESCRIPTION	IC RF TxRx + MCU Flex Gecko 169MHz, 433MHz, 868MHz, 915MHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	1Mbps
CURRENT - TRANSMITTING	8.5mA ~ 35.3mA
CURRENT - RECEIVING	8.4mA ~ 11mA

Related Tags

Energy Micro (Silicon Labs) EFR32FG12P431F1024IM48-C	EFR32FG12P431F1024IM48-C Distributor	EFR32FG12P431F1024IM48-C Supplier
EFR32FG12P431F1024IM48-C Price	EFR32FG12P431F1024IM48-C Pictures	EFR32FG12P431F1024IM48-C Image
EFR32FG12P431F1024IM48-C PDF Datasheet	EFR32FG12P431F1024IM48-C Download Datasheet	EFR32FG12P431F1024IM48-C Datasheet
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Energy Micro (Silicon Labs) EFR32FG12P431F1024IM48-C	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 <p>EFR32FG12P432F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO BGA125 2.4G 19DB PROP In stock: 260 pcs RFQ</p>	 <p>EFR32FG12P431F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO QFN48 SUBG 20DB PROPR In stock: Out stock RFQ</p>
 <p>EFR32FG12P431F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO QFN48 SUBG 20DB PROPR In stock: 461 pcs RFQ</p>	 <p>EFR32FG12P432F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO BGA125 2.4G 19DB PROP In stock: 94 pcs RFQ</p>
 <p>EFR32FG12P431F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO DUAL PROPRIETARY In stock: Out stock RFQ</p>	 <p>EFR32FG12P431F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO In stock: Out stock RFQ</p>
 <p>EFR32FG12P431F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO PROPRIETARY In stock: Out stock RFQ</p>	 <p>EFR32FG12P431F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO QFN48 SUBG 20DB PROPR In stock: Out stock RFQ</p>
 <p>EFR32FG12P431F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO DUAL PROPRIETARY In stock: Out stock RFQ</p>	 <p>EFR32FG12P431F1024IM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO In stock: Out stock RFQ</p>
 <p>EFR32FG12P432F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO BGA125 2.4G 19DB PROP In stock: Out stock RFQ</p>	 <p>EFR32FG12P431F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO DUAL PROPRIETARY In stock: Out stock RFQ</p>