



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFR32FG13P231F512IM32-C

Part Number:	EFR32FG13P231F512IM32-C
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	FLEX GECKO PROPRIETARY
Datasheets:	 EFR32FG13P231F512IM32-C.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13149 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

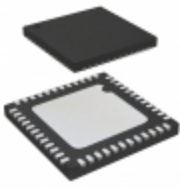
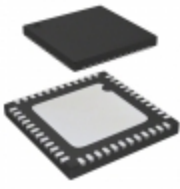
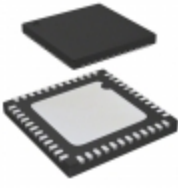
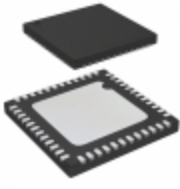
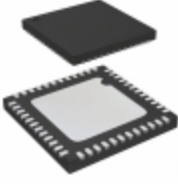
Specifications of EFR32FG13P231F512IM32-C

PART NUMBER	EFR32FG13P231F512IM32-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	FLEX GECKO PROPRIETARY
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13149 pcs
DATA SHEET	 EFR32FG13P231F512IM32-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Flex Gecko
SERIAL INTERFACES	I²C, I²S, IrDA, SPI, UART, USART
SENSITIVITY	-102.7dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	-
POWER - OUTPUT	19dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2GFSK, 4GFSK, ASK, BPSK, DBPSK, DSSS, GMSK, OOK, OQPSK
MEMORY SIZE	512kB Flash, 64kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	32
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	1Mbps
CURRENT - TRANSMITTING	8.5mA ~ 35.3mA
CURRENT - RECEIVING	9.5mA ~ 10.2mA

Related Tags

Energy Micro (Silicon Labs) EFR32FG13P231F512IM32-C	EFR32FG13P231F512IM32-C Distributor	EFR32FG13P231F512IM32-C Supplier
EFR32FG13P231F512IM32-C Price	EFR32FG13P231F512IM32-C Pictures	EFR32FG13P231F512IM32-C Image
EFR32FG13P231F512IM32-C PDF Datasheet	EFR32FG13P231F512IM32-C Download Datasheet	EFR32FG13P231F512IM32-C Datasheet
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Energy Micro (Silicon Labs) EFR32FG13P231F512IM32-C	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFR32FG13P231F512IM32-C	Silicon Labs EFR32FG13P231F512IM32-C	

Related Products

 EFR32FG13P231F512GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX PREMIUM QFN48 SUBG 19 DBM N In stock: 15939 pcs RFQ	 EFR32FG13P231F512GM32-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKOPROPRIETARY In stock: 18770 pcs RFQ
 EFR32FG13P231F512IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX PREMIUM QFN48 SUBG 19 DBM N In stock: 15653 pcs RFQ	 EFR32FG13P232F512GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: FLEX PREMIUM QFN48 2.4G 19 DBM N In stock: 10895 pcs RFQ
 EFR32FG13P231F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX PREMIUM QFN48 SUBG 19 DBM N In stock: 17673 pcs RFQ	 EFR32FG13P231F512GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX PREMIUM QFN48 SUBG 19 DBM N In stock: 16384 pcs RFQ
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 EFR32FG13P232F512GM32-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO QFN32 2.4G 19DB PROPR In stock: 9700 pcs RFQ	 EFR32FG13P231F512IM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: FLEX PREMIUM QFN48 SUBG 19 DBM N In stock: 16245 pcs RFQ