



Energy Micro (Silicon Labs)

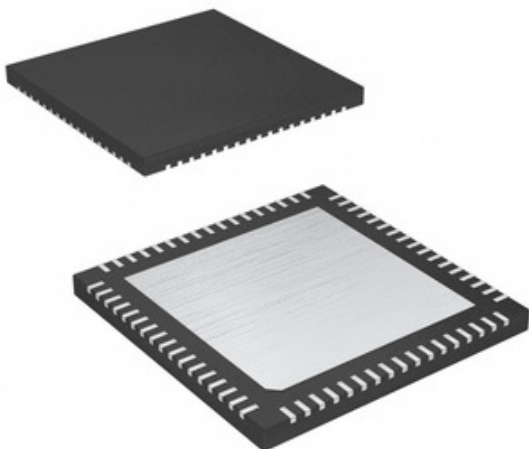


Image may be representation. See specifications for product details.

EFR32FG12P231F512GM68-C

Part Number:	EFR32FG12P231F512GM68-C
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	FLEX GECKO DUAL PROPRIETARY
Datasheets:	1.EFR32FG12P231F512GM68-C.pdf 2.EFR32FG12P231F512GM68-C.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

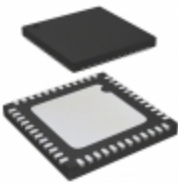
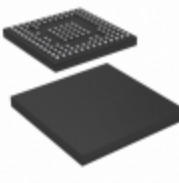
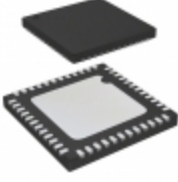
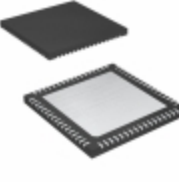
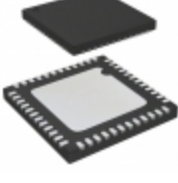
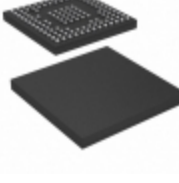
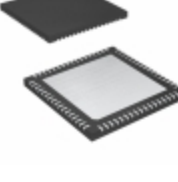
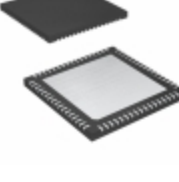
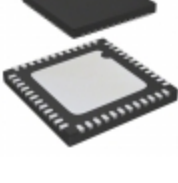
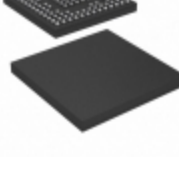
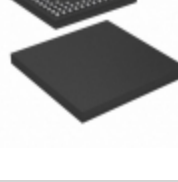
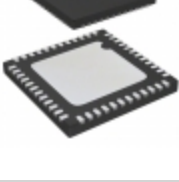
Specifications of EFR32FG12P231F512GM68-C

PART NUMBER	EFR32FG12P231F512GM68-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	FLEX GECKO DUAL PROPRIETARY
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EFR32FG12P231F512GM68-C.pdf PDF 2.EFR32FG12P231F512GM68-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Flex Gecko
SERIAL INTERFACES	I²C, I²S, IrDA, SPI, UART
SENSITIVITY	-126.2dBm
RF FAMILY/STANDARD	-
PROTOCOL	Flex Gecko
POWER - OUTPUT	20dBm
PACKAGING	Tray
PACKAGE / CASE	68-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2GFSK, 4GFSK, ASK, DSSS, BPSK, DBPSK, GMSK, O-QPSK, OOK
MEMORY SIZE	512kB Flash, 64kB RAM
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	46
FREQUENCY	110MHz ~ 191MHz, 1.95MHz ~ 358MHz, 390MHz ~ 574MHz, 779MHz ~ 956MHz
DETAILED DESCRIPTION	IC RF TxRx + MCU Flex Gecko 110MHz ~ 191MHz, 1.95MHz ~ 358MHz, 390MHz ~ 574MHz, 779MHz ~ 956MHz 68-VFQFN Exposed Pad
DATA RATE (MAX)	38.4kbps
CURRENT - TRANSMITTING	20.3mA ~ 134.3mA
CURRENT - RECEIVING	8.4mA ~ 13mA

Related Tags

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EFR32FG12P231F512GM68-C Price	EFR32FG12P231F512GM68-C Pictures	EFR32FG12P231F512GM68-C Image
EFR32FG12P231F512GM68-C PDF Datasheet	EFR32FG12P231F512GM68-C Download Datasheet	EFR32FG12P231F512GM68-C Datasheet
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Related Products

 EFR32FG12P231F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO QFN48 SUBG 20DB PROPR In stock: 260 pcs RFQ	 EFR32FG12P232F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO BGA125 2.4G 19DB PROP In stock: Out stock RFQ
 EFR32FG12P232F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO QFN48 2.4G 19DB PROPR In stock: Out stock RFQ	 EFR32FG12P231F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: FLEX GECKO DUAL PROPRIETARY In stock: Out stock RFQ
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