



Energy Micro (Silicon Labs)

EFR32MG13P733F512IM48-CR

Part Number:	EFR32MG13P733F512IM48-CR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	MIGHTY PREMIUM QFN48 DUAL 19 DBM
Datasheets:	EFR32MG13P733F512IM48-CR.pdf
RoHS Status:	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 EFR32MG13P733F512IM48-CR

PART NUMBER	EFR32MG13P733F512IM48-CR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY PREMIUM QFN48 DUAL 19 DBM
LEAD FREE STATUS / ROHS STATUS	RoHS Compliant
DATA SHEET	EFR32MG13P733F512IM48-CR.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² S, SPI, UART
SENSITIVITY	-126dBm
ROHS STATUS	RoHS Compliant
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v5.0, Thread, Zigbee®
POWER - OUTPUT	20dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 125°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2GFSK, ASK, BPSK, DPSK, DSSS, GFSK, OOK, OQPSK
MEMORY SIZE	512kB Flash, 64kB RAM
MANUFACTURER STANDARD LEAD TIME	8 Weeks
GPIO	28
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v5.0, Thread, Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.5mA
CURRENT - RECEIVING	8.4mA ~ 10.2mA

Related Tags

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<p>EFR32MG13P733F512GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 DUAL 19 DBM In stock: 140 pcs RFQ</p>	<p>EFR32MG13P733F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 DUAL 19 DBM In stock: Out stock RFQ</p>
<p>EFR32MG13P733F512IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 DUAL 19 DBM In stock: 503 pcs RFQ</p>	<p>EFR32MG14P732F256GM32-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN32 2.4G 19.5DB In stock: Out stock RFQ</p>
<p>EFR32MG13P733F512GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 DUAL 19 DBM In stock: 700 pcs RFQ</p>	<p>EFR32MG13P733F512GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 DUAL 19 DBM In stock: Out stock RFQ</p>
<p>EFR32MG14P732F256GM32-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN32 2.4G 19.5DB In stock: 770 pcs RFQ</p>	<p>EFR32MG14P632F256GM32-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN32 2.4G 10.5DB In stock: Out stock RFQ</p>
<p>EFR32MG14P632F256GM32-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN32 2.4G 10.5DB In stock: Out stock RFQ</p>	<p>EFR32MG14P632F256GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 2.4G 10.5DB In stock: Out stock RFQ</p>
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