



Energy Micro (Silicon Labs)

### EZR32LG230F256R60G-B0

Part Number:	EZR32LG230F256R60G-B0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC RF TXRX+MCU 802.15.4 64-VFQFN
Datasheets:	<a href="#">1.EZR32LG230F256R60G-B0.pdf</a> <a href="#">2.EZR32LG230F256R60G-B0.pdf</a> <a href="#">3.EZR32LG230F256R60G-B0.pdf</a> <a href="#">4.EZR32LG230F256R60G-B0.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	18821 pcs stock
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 EZR32LG230F256R60G-B0

PART NUMBER	EZR32LG230F256R60G-B0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU 802.15.4 64-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18821 pcs
DATA SHEET	<a href="#">1.EZR32LG230F256R60G-B0.pdf</a> <a href="#">2.EZR32LG230F256R60G-B0.pdf</a> <a href="#">3.EZR32LG230F256R60G-B0.pdf</a> <a href="#">4.EZR32LG230F256R60G-B0.pdf</a>
VOLTAGE - SUPPLY	1.98 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	EZR32LG
SERIAL INTERFACES	I <sup>2</sup> C, SPI, UART, USART
SENSITIVITY	-129dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	EZRadioPro
POWER - OUTPUT	13dBm
PACKAGING	Tray
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	336-4618 EZR32LG230F256R60G-B0-ND
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	4FSK, 4GFSK, FSK, GFSK, GMSK, MSK, OOK
MEMORY SIZE	256kB Flash, 32kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	41
FREQUENCY	142MHz ~ 1.05GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 EZRadioPro 142MHz ~ 1.05GHz 64-VFQFN Exposed Pad
DATA RATE (MAX)	1Mbps
CURRENT - TRANSMITTING	18mA ~ 88mA
CURRENT - RECEIVING	11.1mA ~ 13.7mA

#### Related Tags

Energy Micro (Silicon Labs) EZR32LG230F256R60G-B0	EZR32LG230F256R60G-B0 Distributor	EZR32LG230F256R60G-B0 Supplier
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#### Related Products

 <b>EZR32LG230F128R68G-B0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 20528 pcs <a href="#">RFQ</a>	 <b>EZR32LG230F256R67G-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 20409 pcs <a href="#">RFQ</a>
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 <b>EZR32LG230F256R63G-B0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 20605 pcs <a href="#">RFQ</a>	 <b>EZR32LG230F128R69G-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 21564 pcs <a href="#">RFQ</a>
 <b>EZR32LG230F256R61G-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 16011 pcs <a href="#">RFQ</a>	 <b>EZR32LG230F256R55G-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 23008 pcs <a href="#">RFQ</a>
 <b>EZR32LG230F128R69G-B0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 22045 pcs <a href="#">RFQ</a>	 <b>EZR32LG230F128R68G-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 20380 pcs <a href="#">RFQ</a>
 <b>EZR32LG230F256R63G-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 17808 pcs <a href="#">RFQ</a>	 <b>EZR32LG230F256R55G-B0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 22146 pcs <a href="#">RFQ</a>