



Energy Micro (Silicon Labs)

## EZR32LG230F256R55G-B0R

Part Number:	EZR32LG230F256R55G-B0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC RF TXRX+MCU 802.15.4 64-VFQFN
Datasheets:	<a href="#">1.EZR32LG230F256R55G-B0R.pdf</a> <a href="#">2.EZR32LG230F256R55G-B0R.pdf</a> <a href="#">3.EZR32LG230F256R55G-B0R.pdf</a> <a href="#">4.EZR32LG230F256R55G-B0R.pdf</a>
RoHS Status:	Lead free / 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 EZR32LG230F256R55G-B0R

PART NUMBER	EZR32LG230F256R55G-B0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU 802.15.4 64-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.EZR32LG230F256R55G-B0R.pdf</a> <a href="#">2.EZR32LG230F256R55G-B0R.pdf</a> <a href="#">3.EZR32LG230F256R55G-B0R.pdf</a> <a href="#">4.EZR32LG230F256R55G-B0R.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	-116dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	EZRadio
POWER - OUTPUT	13dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
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
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	41
FREQUENCY	142MHz ~ 1.05GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 EZRadio 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) EZR32LG230F256R55G-B0R	EZR32LG230F256R55G-B0R Distributor	EZR32LG230F256R55G-B0R Supplier
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### Related Products

<p><b>EZR32LG230F128R67G-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>EZR32LG230F256R60G-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: 225 pcs  <a href="#">RFQ</a></p>
<p><b>EZR32LG230F256R61G-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: 260 pcs  <a href="#">RFQ</a></p>	<p><b>EZR32LG230F128R68G-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: 520 pcs  <a href="#">RFQ</a></p>
<p><b>EZR32LG230F256R55G-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>EZR32LG230F128R69G-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>EZR32LG230F256R63G-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>EZR32LG230F256R60G-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>EZR32LG230F256R63G-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: 157 pcs  <a href="#">RFQ</a></p>	<p><b>EZR32LG230F128R68G-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>EZR32LG230F128R69G-B0</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>EZR32LG230F256R61G-B0R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC RF TXRX+MCU 802.15.4 64-VFQFN                  In stock: Out stock  <a href="#">RFQ</a></p>

