



Energy Micro (Silicon Labs)



EZR32LG230F64R68G-B0R

Part Number:	EZR32LG230F64R68G-B0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU 802.15.4 64-VFQFN
	 1.EZR32LG230F64R68G-B0R.pdf
	 2.EZR32LG230F64R68G-B0R.pdf
	 3.EZR32LG230F64R68G-B0R.pdf
	 4.EZR32LG230F64R68G-B0R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	26001 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EZR32LG230F64R68G-B0R

PART NUMBER	EZR32LG230F64R68G-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
QUANTITY AVAILABLE	26001 pcs
DATA SHEET	 1.EZR32LG230F64R68G-B0R.pdf  2.EZR32LG230F64R68G-B0R.pdf  3.EZR32LG230F64R68G-B0R.pdf  4.EZR32LG230F64R68G-B0R.pdf
VOLTAGE - SUPPLY	1.98 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	EZR32LG
SERIAL INTERFACES	I²C, SPI, UART, USART
SENSITIVITY	-133dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	EZRadioPro
POWER - OUTPUT	20dBm
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	64kB 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) EZR32LG230F64R68G-B0R	EZR32LG230F64R68G-B0R Distributor	EZR32LG230F64R68G-B0R Supplier
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Related Products

 EZR32LG230F64R63G-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 26406 pcs RFQ	 EZR32LG230F64R67G-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 24911 pcs RFQ
 EZR32LG330F128R55G-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 26202 pcs RFQ	 EZR32LG230F64R69G-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 64-VFQFN In stock: 21602 pcs RFQ
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