



EZR32LG230F256R60G-B0R

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EZR32LG230F256R60G-B0R                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                    |
| Product description | IC RF TXRX+MCU 802.15.4 64-VFQFN                                                                               |
|                     |  1.EZR32LG230F256R60G-B0R.pdf |
|                     |  2.EZR32LG230F256R60G-B0R.pdf |
|                     |  3.EZR32LG230F256R60G-B0R.pdf |
|                     |  4.EZR32LG230F256R60G-B0R.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 22356 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

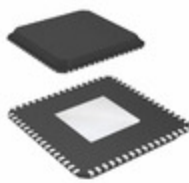
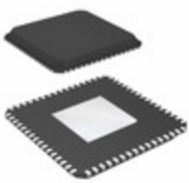
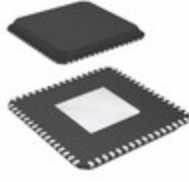
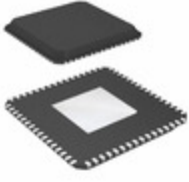
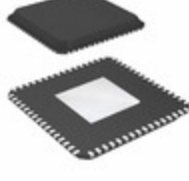
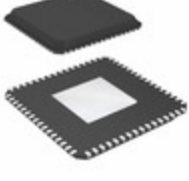
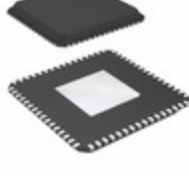
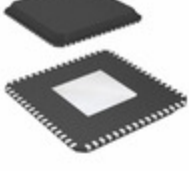
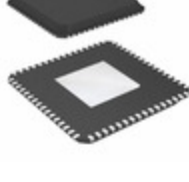
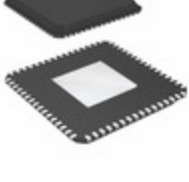
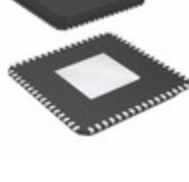
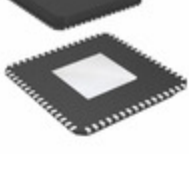
Specifications of EZR32LG230F256R60G-B0R

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EZR32LG230F256R60G-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               | 22356 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.EZR32LG230F256R60G-B0R.pdf<br> 2.EZR32LG230F256R60G-B0R.pdf<br> 3.EZR32LG230F256R60G-B0R.pdf<br> 4.EZR32LG230F256R60G-B0R.pdf |
| VOLTAGE - SUPPLY                 | 1.98 V ~ 3.8 V                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | EZR32LG                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SERIAL INTERFACES                | I²C, SPI, UART, USART                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SENSITIVITY                      | -129dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROTOCOL                         | EZRadioPro                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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-B0R | EZR32LG230F256R60G-B0R Distributor        | EZR32LG230F256R60G-B0R Supplier                        |
| EZR32LG230F256R60G-B0R Price                       | EZR32LG230F256R60G-B0R Pictures           | EZR32LG230F256R60G-B0R Image                           |
| EZR32LG230F256R60G-B0R PDF Datasheet               | EZR32LG230F256R60G-B0R Download Datasheet | EZR32LG230F256R60G-B0R Datasheet                       |
| EZR32LG230F256R60G-B0R Stock                       | Buy EZR32LG230F256R60G-B0R                | Buy Energy Micro (Silicon Labs) EZR32LG230F256R60G-B0R |
| Energy Micro (Silicon Labs) EZR32LG230F256R60G-B0R | Energy Micro (Silicon Labs) Supplier      | Energy Micro (Silicon Labs) Distributor                |
| Energy Micro (Silicon Labs) EZR32LG230F256R60G-B0R | Energy Micro EZR32LG230F256R60G-B0R       | Energy Micro (Silicon Labs) EZR32LG230F256R60G-B0R     |
| Silicon Laboratories EZR32LG230F256R60G-B0R        | Silicon Labs EZR32LG230F256R60G-B0R       |                                                        |

Related Products

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|  <div><b>EZR32LG230F256R55G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 23008 pcs<br/><div>RFQ</div></div>  |  <div><b>EZR32LG230F256R61G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 19416 pcs<br/><div>RFQ</div></div> |
|  <div><b>EZR32LG230F256R63G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 17808 pcs<br/><div>RFQ</div></div>  |  <div><b>EZR32LG230F256R60G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 18821 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EZR32LG230F256R63G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 20605 pcs<br/><div>RFQ</div></div> |  <div><b>EZR32LG230F256R55G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 22146 pcs<br/><div>RFQ</div></div> |
|  <div><b>EZR32LG230F256R67G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 20409 pcs<br/><div>RFQ</div></div>  |  <div><b>EZR32LG230F128R69G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 22045 pcs<br/><div>RFQ</div></div> |
|  <div><b>EZR32LG230F128R68G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 20528 pcs<br/><div>RFQ</div></div> |  <div><b>EZR32LG230F256R67G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 17571 pcs<br/><div>RFQ</div></div> |
|  <div><b>EZR32LG230F256R61G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 16011 pcs<br/><div>RFQ</div></div>  |  <div><b>EZR32LG230F128R69G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 21564 pcs<br/><div>RFQ</div></div>  |