



EZR32HG220F64R61G-B0R

Part Number: EZR32HG220F64R61G-B0R

Manufacturer/Brand: Energy Micro (Silicon Labs)

Product description: IC RF TXRX+MCU 802.15.4 48-QFN

Datasheets:  EZR32HG220F64R61G-B0R.pdf

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 27198 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

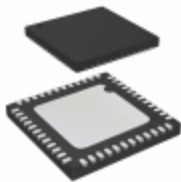
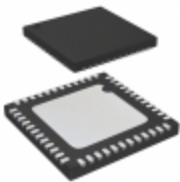
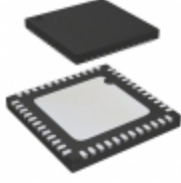
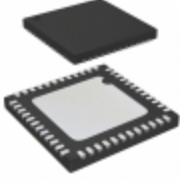
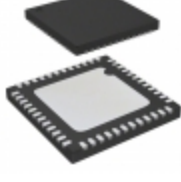
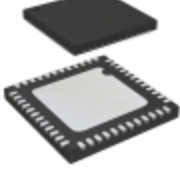
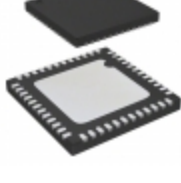
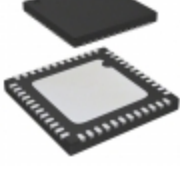
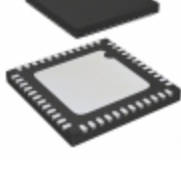
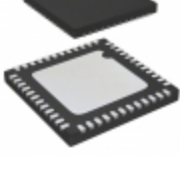
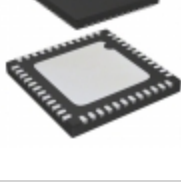
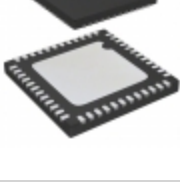
Specifications of EZR32HG220F64R61G-B0R

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EZR32HG220F64R61G-B0R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                   |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 48-QFN                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| QUANTITY AVAILABLE               | 27198 pcs                                                                                                     |
| DATA SHEET                       |  EZR32HG220F64R61G-B0R.pdf |
| VOLTAGE - SUPPLY                 | 1.98 V ~ 3.8 V                                                                                                |
| TYPE                             | TxRx + MCU                                                                                                    |
| SERIES                           | -                                                                                                             |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART, USART, USB                                                                       |
| SENSITIVITY                      | -126dBm                                                                                                       |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                      |
| PROTOCOL                         | -                                                                                                             |
| POWER - OUTPUT                   | 16dBm                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                              |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                 |
| MODULATION                       | 4GFSK, GFSK, GMSK, OOK                                                                                        |
| MEMORY SIZE                      | 64kB Flash, 8kB RAM                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| GPIO                             | 27                                                                                                            |
| FREQUENCY                        | 142MHz ~ 1.05GHz                                                                                              |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 142MHz ~ 1.05GHz 48-VFQFN Exposed Pad                                               |
| DATA RATE (MAX)                  | 1Mbps                                                                                                         |
| CURRENT - TRANSMITTING           | 18mA ~ 108mA                                                                                                  |
| CURRENT - RECEIVING              | 11.1mA ~ 13.7mA                                                                                               |

Related Tags

|                                                   |                                          |                                                       |
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Related Products

|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EZR32HG220F64R67G-B0</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 15153 pcs</div> <div>RFQ</div>  | <div></div> <div>EZR32HG220F64R68G-B0</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 12188 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EZR32HG220F64R55G-B0R</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 41077 pcs</div> <div>RFQ</div> | <div></div> <div>EZR32HG220F64R63G-B0R</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 29479 pcs</div> <div>RFQ</div> |
| <div></div> <div>EZR32HG220F64R60G-B0R</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 28325 pcs</div> <div>RFQ</div> | <div></div> <div>EZR32HG220F64R67G-B0R</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 32281 pcs</div> <div>RFQ</div> |
| <div></div> <div>EZR32HG220F64R68G-B0R</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 25938 pcs</div> <div>RFQ</div> | <div></div> <div>EZR32HG220F64R55G-B0</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 20768 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EZR32HG220F64R60G-B0</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 16996 pcs</div> <div>RFQ</div>  | <div></div> <div>EZR32HG220F64R63G-B0</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 16261 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EZR32HG220F32R69G-B0R</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 28563 pcs</div> <div>RFQ</div> | <div></div> <div>EZR32HG220F64R61G-B0</div> <div>Manufacturers: Energy Micro (Silicon Labs)</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-QFN</div> <div>In stock: 13142 pcs</div> <div>RFQ</div>  |