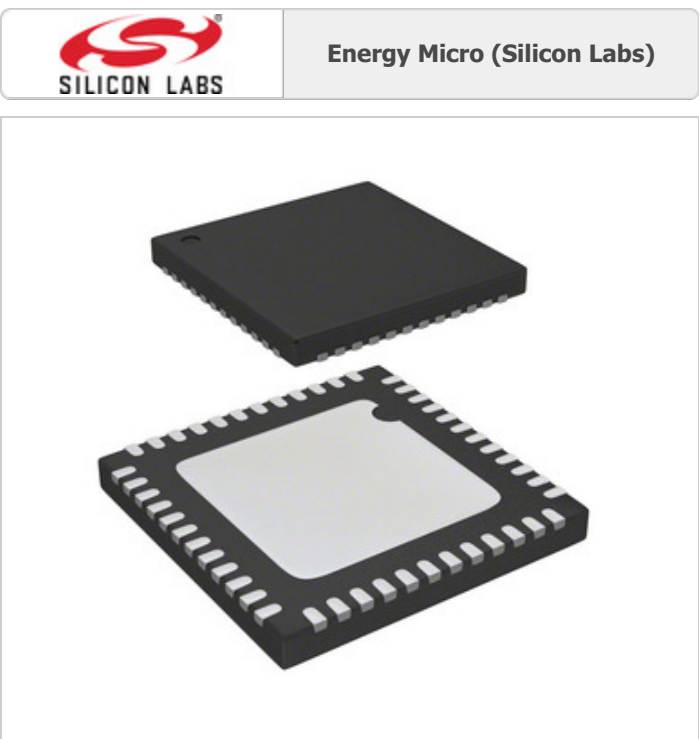




### EZR32HG320F32R55G-B0

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EZR32HG320F32R55G-B0                                                                                                                   |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                            |
| Product description | IC RF TXRX+MCU 802.15.4 48-QFN                                                                                                         |
| Datasheets:         | <a href="#">1.EZR32HG320F32R55G-B0.pdf</a><br><a href="#">2.EZR32HG320F32R55G-B0.pdf</a><br><a href="#">3.EZR32HG320F32R55G-B0.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                           |
| Stock Condition     | 20306 pcs stock                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                  |

REQUEST FOR QUOTATION

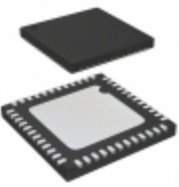
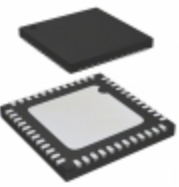
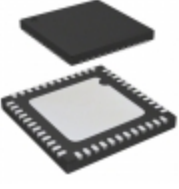
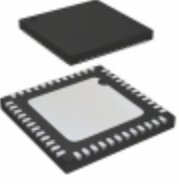
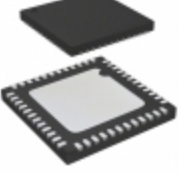
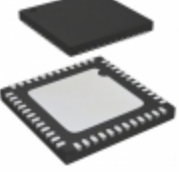
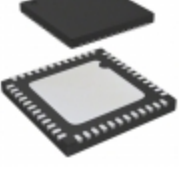
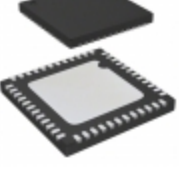
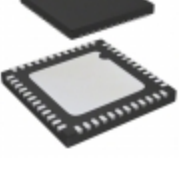
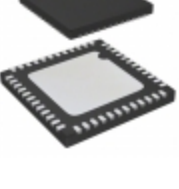
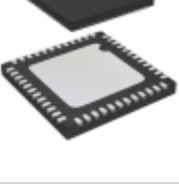
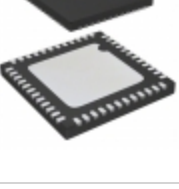
#### Specifications of EZR32HG320F32R55G-B0

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EZR32HG320F32R55G-B0                                                                                                                   |
| 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               | 20306 pcs                                                                                                                              |
| DATA SHEET                       | <a href="#">1.EZR32HG320F32R55G-B0.pdf</a><br><a href="#">2.EZR32HG320F32R55G-B0.pdf</a><br><a href="#">3.EZR32HG320F32R55G-B0.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.98 V ~ 3.8 V                                                                                                                         |
| TYPE                             | TxRx + MCU                                                                                                                             |
| SERIES                           | -                                                                                                                                      |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART, USART, USB                                                                                                |
| SENSITIVITY                      | -116dBm                                                                                                                                |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                                               |
| PROTOCOL                         | -                                                                                                                                      |
| POWER - OUTPUT                   | 13dBm                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                   |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                                                   |
| OTHER NAMES                      | 336-3665                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                          |
| MODULATION                       | 4GFSK, GFSK, GMSK, OOK                                                                                                                 |
| MEMORY SIZE                      | 32kB Flash, 8kB RAM                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| GPIO                             | 25                                                                                                                                     |
| 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

|                                                  |                                         |                                                      |
|--------------------------------------------------|-----------------------------------------|------------------------------------------------------|
| Energy Micro (Silicon Labs) EZR32HG320F32R55G-B0 | EZR32HG320F32R55G-B0 Distributor        | EZR32HG320F32R55G-B0 Supplier                        |
| EZR32HG320F32R55G-B0 Price                       | EZR32HG320F32R55G-B0 Pictures           | EZR32HG320F32R55G-B0 Image                           |
| EZR32HG320F32R55G-B0 PDF Datasheet               | EZR32HG320F32R55G-B0 Download Datasheet | EZR32HG320F32R55G-B0 Datasheet                       |
| EZR32HG320F32R55G-B0 Stock                       | Buy EZR32HG320F32R55G-B0                | Buy Energy Micro (Silicon Labs) EZR32HG320F32R55G-B0 |
| Energy Micro (Silicon Labs) EZR32HG320F32R55G-B0 | Energy Micro (Silicon Labs) Supplier    | Energy Micro (Silicon Labs) Distributor              |
| Energy Micro (Silicon Labs) EZR32HG320F32R55G-B0 | Energy Micro EZR32HG320F32R55G-B0       | Energy Micro (Silicon Labs) EZR32HG320F32R55G-B0     |
| Silicon Laboratories EZR32HG320F32R55G-B0        | Silicon Labs EZR32HG320F32R55G-B0       |                                                      |

#### Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EZR32HG220F64R67G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 15153 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>EZR32HG320F32R55G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 32427 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>EZR32HG320F32R60G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 13462 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>EZR32HG220F64R69G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 14800 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>EZR32HG220F64R68G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 12188 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>EZR32HG320F32R60G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 30236 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>EZR32HG220F64R67G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 32281 pcs<br/><a href="#">RFQ</a></div> |  <div><b>EZR32HG220F64R69G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 30793 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>EZR32HG220F64R68G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 25938 pcs<br/><a href="#">RFQ</a></div> |  <div><b>EZR32HG320F32R61G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 27389 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>EZR32HG320F32R61G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 14760 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>EZR32HG320F32R63G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 48-QFN<br/>In stock: 12274 pcs<br/><a href="#">RFQ</a></div>  |