



### EZR32WG330F256R55G-B0

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | EZR32WG330F256R55G-B0                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                   |
| Product description | IC RF TXRX+MCU 802.15.4 64-VFQFN                                                                              |
|                     |  1.EZR32WG330F256R55G-B0.pdf |
|                     |  2.EZR32WG330F256R55G-B0.pdf |
|                     |  3.EZR32WG330F256R55G-B0.pdf |
|                     |  4.EZR32WG330F256R55G-B0.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 19587 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

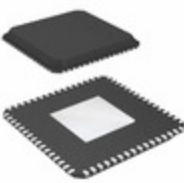
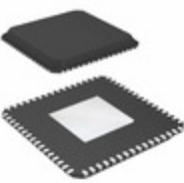
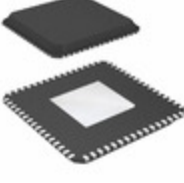
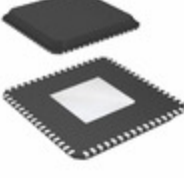
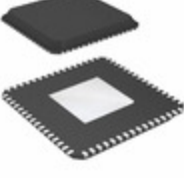
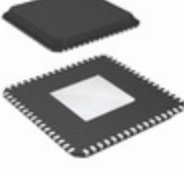
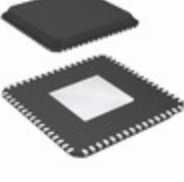
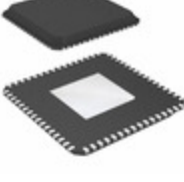
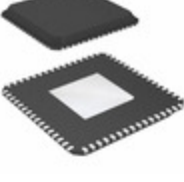
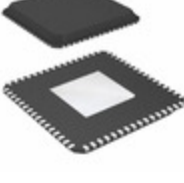
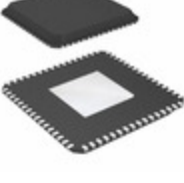
#### Specifications of EZR32WG330F256R55G-B0

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EZR32WG330F256R55G-B0                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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               | 19587 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.EZR32WG330F256R55G-B0.pdf<br> 2.EZR32WG330F256R55G-B0.pdf<br> 3.EZR32WG330F256R55G-B0.pdf<br> 4.EZR32WG330F256R55G-B0.pdf |
| VOLTAGE - SUPPLY                 | 1.98 V ~ 3.8 V                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | EZR32WG                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SERIAL INTERFACES                | I²C, SPI, UART, USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SENSITIVITY                      | -116dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PROTOCOL                         | EZRadio                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| POWER - OUTPUT                   | 13dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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                             | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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) EZR32WG330F256R55G-B0 | EZR32WG330F256R55G-B0 Distributor        | EZR32WG330F256R55G-B0 Supplier                        |
| EZR32WG330F256R55G-B0 Price                       | EZR32WG330F256R55G-B0 Pictures           | EZR32WG330F256R55G-B0 Image                           |
| EZR32WG330F256R55G-B0 PDF Datasheet               | EZR32WG330F256R55G-B0 Download Datasheet | EZR32WG330F256R55G-B0 Datasheet                       |
| EZR32WG330F256R55G-B0 Stock                       | Buy EZR32WG330F256R55G-B0                | Buy Energy Micro (Silicon Labs) EZR32WG330F256R55G-B0 |
| Energy Micro (Silicon Labs) EZR32WG330F256R55G-B0 | Energy Micro (Silicon Labs) Supplier     | Energy Micro (Silicon Labs) Distributor               |
| Energy Micro (Silicon Labs) EZR32WG330F256R55G-B0 | Energy Micro EZR32WG330F256R55G-B0       | Energy Micro (Silicon Labs) EZR32WG330F256R55G-B0     |
| Silicon Laboratories EZR32WG330F256R55G-B0        | Silicon Labs EZR32WG330F256R55G-B0       |                                                       |

#### Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
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|  <div><b>EZR32WG330F128R69G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 18216 pcs<br/>RFQ</div>  |  <div><b>EZR32WG330F256R60G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 18403 pcs<br/>RFQ</div>  |
|  <div><b>EZR32WG330F256R61G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 17310 pcs<br/>RFQ</div>  |  <div><b>EZR32WG330F256R63G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 15047 pcs<br/>RFQ</div>  |
|  <div><b>EZR32WG330F128R68G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 16552 pcs<br/>RFQ</div>  |  <div><b>EZR32WG330F128R68G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 19357 pcs<br/>RFQ</div> |
|  <div><b>EZR32WG330F128R69G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 17013 pcs<br/>RFQ</div> |  <div><b>EZR32WG330F256R55G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 22113 pcs<br/>RFQ</div> |
|  <div><b>EZR32WG330F256R60G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 16553 pcs<br/>RFQ</div> |  <div><b>EZR32WG330F256R61G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 16313 pcs<br/>RFQ</div> |
|  <div><b>EZR32WG330F128R67G-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 20722 pcs<br/>RFQ</div>  |  <div><b>EZR32WG330F128R67G-B0R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 19013 pcs<br/>RFQ</div> |