



Energy Micro (Silicon Labs)

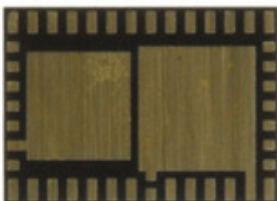


Image may be representation. See specifications for product details.

SI1002-C-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI1002-C-GM                                                                                                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC RF TXRX+MCU ISM<1GHZ 42-WFQFN                                                                             |
| Datasheets:         | <a href="#">1.SI1002-C-GM.pdf</a><br><a href="#">2.SI1002-C-GM.pdf</a>                                       |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

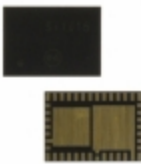
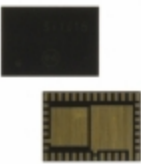
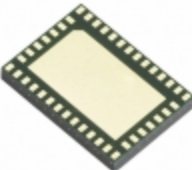
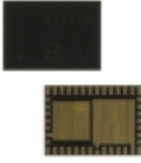
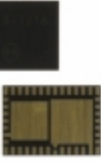
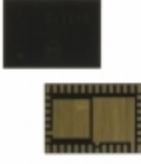
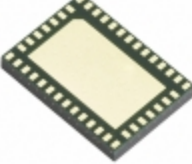
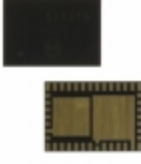
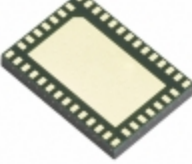
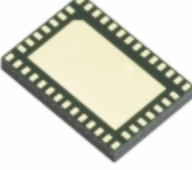
Specifications of SI1002-C-GM

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| PART NUMBER                      | SI1002-C-GM                                                            |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                            |
| DESCRIPTION                      | IC RF TXRX+MCU ISM<1GHZ 42-WFQFN                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                             |
| DATA SHEET                       | <a href="#">1.SI1002-C-GM.pdf</a><br><a href="#">2.SI1002-C-GM.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                          |
| TYPE                             | TxRx + MCU                                                             |
| SERIES                           | -                                                                      |
| SERIAL INTERFACES                | I²C, SPI, UART                                                         |
| SENSITIVITY                      | -121dBm                                                                |
| RF FAMILY/STANDARD               | General ISM < 1GHz                                                     |
| PROTOCOL                         | EZRadioPro                                                             |
| POWER - OUTPUT                   | 13dBm                                                                  |
| PACKAGING                        | Tube                                                                   |
| PACKAGE / CASE                   | 42-WFQFN Exposed Pad                                                   |
| OTHER NAMES                      | 336-1878-5<br>SI1002CGM                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                          |
| MODULATION                       | FSK, GFSK, OOK                                                         |
| MEMORY SIZE                      | 64kB Flash, 4.35kB RAM                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                             |
| GPIO                             | 22                                                                     |
| FREQUENCY                        | 240MHz ~ 960MHz                                                        |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU General ISM                                           |
| DATA RATE (MAX)                  | 256kbps                                                                |
| CURRENT - TRANSMITTING           | 17mA ~ 30mA                                                            |
| CURRENT - RECEIVING              | 18.5mA                                                                 |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Energy Micro (Silicon Labs) SI1002-C-GM | SI1002-C-GM Distributor              | SI1002-C-GM Supplier                        |
| SI1002-C-GM Price                       | SI1002-C-GM Pictures                 | SI1002-C-GM Image                           |
| SI1002-C-GM PDF Datasheet               | SI1002-C-GM Download Datasheet       | SI1002-C-GM Datasheet                       |
| SI1002-C-GM Stock                       | Buy SI1002-C-GM                      | Buy Energy Micro (Silicon Labs) SI1002-C-GM |
| Energy Micro (Silicon Labs) SI1002-C-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI1002-C-GM | Energy Micro SI1002-C-GM             | Energy Micro (Silicon Labs) SI1002-C-GM     |
| Silicon Laboratories SI1002-C-GM        | Silicon Labs SI1002-C-GM             |                                             |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI1000-ESA2-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-WFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI1002-CSB2-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-WFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SI1002R-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 30V 610MA SC75A<br/>In stock: Out stock<br/><div>RFQ</div></div>         |  <div><b>SI1002-E-GM2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: 751 pcs<br/><div>RFQ</div></div>      |
|  <div><b>SI1001-C-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-WFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>SI1000-ESA2-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-WFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SI1002-ESB2-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-WFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI1001-E-GM2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>SI1002-ESB2-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-WFQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SI1002-E-GM2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>SI1000DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEVELOPMENT KIT SI101X<br/>In stock: Out stock<br/><div>RFQ</div></div>                     |  <div><b>SI1001-E-GM2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: 131 pcs<br/><div>RFQ</div></div>      |