



Energy Micro (Silicon Labs)

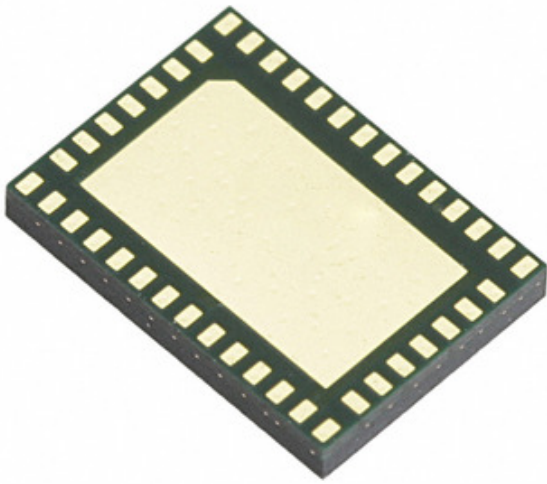


Image may be representation. See specifications for product details.

SI1010-C-GM2R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI1010-C-GM2R                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC RF TXRX+MCU ISM<1GHZ 42-VFLGA                                                                             |
| Datasheets:         |  SI1010-C-GM2R.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

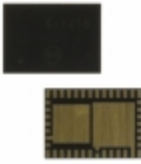
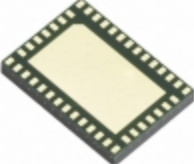
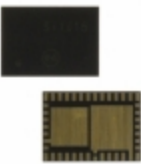
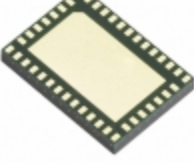
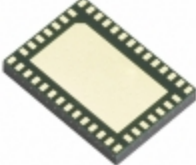
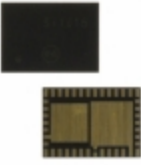
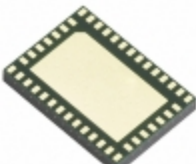
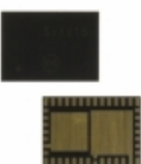
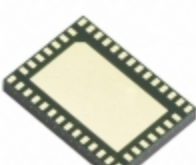
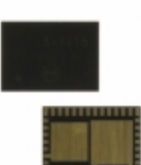
Specifications of SI1010-C-GM2R

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI1010-C-GM2R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                           |
| DESCRIPTION                      | IC RF TXRX+MCU ISM<1GHZ 42-VFLGA                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  SI1010-C-GM2R.pdf |
| 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                   | 20dBm                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 42-VFLGA Exposed Pad                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                            |
| MODULATION                       | FSK, GFSK, OOK                                                                                        |
| MEMORY SIZE                      | 16kB Flash, 768B RAM                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| GPIO                             | 15                                                                                                    |
| FREQUENCY                        | 240MHz ~ 960MHz                                                                                       |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU General ISM                                                                          |
| DATA RATE (MAX)                  | 256kbps                                                                                               |
| CURRENT - TRANSMITTING           | 85mA                                                                                                  |
| CURRENT - RECEIVING              | 18.5mA                                                                                                |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI1010-C-GM2R | SI1010-C-GM2R Distributor            | SI1010-C-GM2R Supplier                        |
| SI1010-C-GM2R Price                       | SI1010-C-GM2R Pictures               | SI1010-C-GM2R Image                           |
| SI1010-C-GM2R PDF Datasheet               | SI1010-C-GM2R Download Datasheet     | SI1010-C-GM2R Datasheet                       |
| SI1010-C-GM2R Stock                       | Buy SI1010-C-GM2R                    | Buy Energy Micro (Silicon Labs) SI1010-C-GM2R |
| Energy Micro (Silicon Labs) SI1010-C-GM2R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI1010-C-GM2R | Energy Micro SI1010-C-GM2R           | Energy Micro (Silicon Labs) SI1010-C-GM2R     |
| Silicon Laboratories SI1010-C-GM2R        | Silicon Labs SI1010-C-GM2R           |                                               |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SI1010-A-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></div> <div><b>SI1011-C-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></div> <div><b>SI1010DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DEVELOPMENT KIT SI101X<br/>In stock: Out stock<br/><div>RFQ</div></div>                   | <div></div> <div><b>SI1005-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></div> <div><b>SI1011X-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V SC-89<br/>In stock: 4 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>SI1011-C-GM2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: 43 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>SI1010-C-GM2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: 360 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>SI1011-A-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></div> <div><b>SI1005-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></div> <div><b>SI1011-A-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></div> <div><b>SI1005-E-GM2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: 407 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>SI1010-A-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>  |