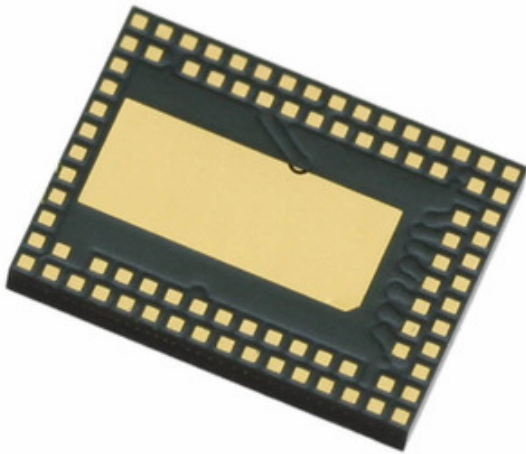




Energy Micro (Silicon Labs)



SI1031-B-GM3R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI1031-B-GM3R                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC RF TXRX+MCU ISM<1GHZ 85-VFLGA                                                                             |
| Datasheets:         |  SI1031-B-GM3R.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12849 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

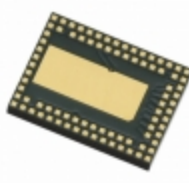
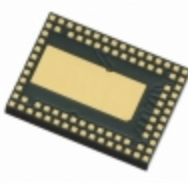
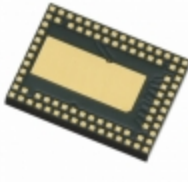
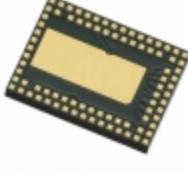
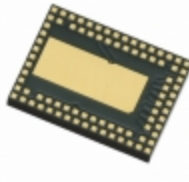
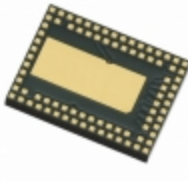
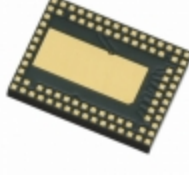
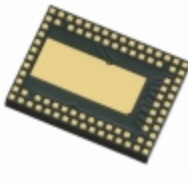
Specifications of SI1031-B-GM3R

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI1031-B-GM3R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                           |
| DESCRIPTION                      | IC RF TXRX+MCU ISM<1GHZ 85-VFLGA                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 12849 pcs                                                                                             |
| DATA SHEET                       |  SI1031-B-GM3R.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                                         |
| TYPE                             | TxRx + MCU                                                                                            |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART                                                                           |
| SENSITIVITY                      | -121dBm                                                                                               |
| RF FAMILY/STANDARD               | General ISM < 1GHz                                                                                    |
| PROTOCOL                         | EZRadioPro                                                                                            |
| POWER - OUTPUT                   | 20dBm (Max)                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 85-VFLGA Exposed Pad                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| MODULATION                       | FSK, GFSK, OOK                                                                                        |
| MEMORY SIZE                      | 64kB Flash, 8.5kB RAM                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| GPIO                             | 53                                                                                                    |
| 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) SI1031-B-GM3R | SI1031-B-GM3R Distributor            | SI1031-B-GM3R Supplier                        |
| SI1031-B-GM3R Price                       | SI1031-B-GM3R Pictures               | SI1031-B-GM3R Image                           |
| SI1031-B-GM3R PDF Datasheet               | SI1031-B-GM3R Download Datasheet     | SI1031-B-GM3R Datasheet                       |
| SI1031-B-GM3R Stock                       | Buy SI1031-B-GM3R                    | Buy Energy Micro (Silicon Labs) SI1031-B-GM3R |
| Energy Micro (Silicon Labs) SI1031-B-GM3R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI1031-B-GM3R | Energy Micro SI1031-B-GM3R           | Energy Micro (Silicon Labs) SI1031-B-GM3R     |
| Silicon Laboratories SI1031-B-GM3R        | Silicon Labs SI1031-B-GM3R           |                                               |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI1031-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 4530 pcs<br/>RFQ</div>  |  <div><b>SI1030-B-GM3</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 14083 pcs<br/>RFQ</div>  |
|  <div><b>SI1031R-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 0.14A SC-75A<br/>In stock: 5130 pcs<br/>RFQ</div>       |  <div><b>SI1032-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 6822 pcs<br/>RFQ</div>   |
|  <div><b>SI1031R-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 0.14A SC-75A<br/>In stock: 574946 pcs<br/>RFQ</div>    |  <div><b>SI1030-B-GM3R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 12191 pcs<br/>RFQ</div> |
|  <div><b>SI1031-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 4367 pcs<br/>RFQ</div>   |  <div><b>SI1030-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 4724 pcs<br/>RFQ</div>   |
|  <div><b>SI1031-B-GM3</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 14854 pcs<br/>RFQ</div> |  <div><b>SI1031X-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 0.155A SC-75A<br/>In stock: 442268 pcs<br/>RFQ</div>    |
|  <div><b>SI1031X-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 0.155A SC-75A<br/>In stock: 3094 pcs<br/>RFQ</div>      |  <div><b>SI1032-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 5930 pcs<br/>RFQ</div>    |