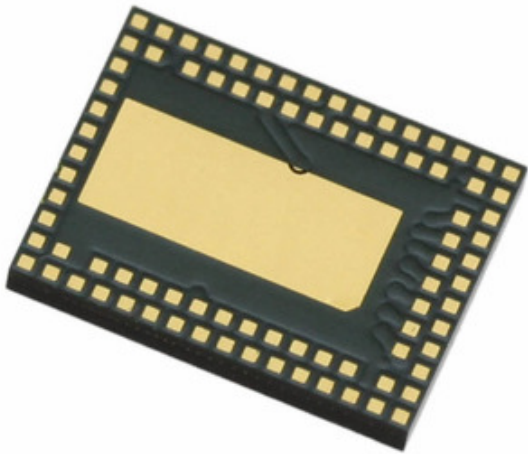




Energy Micro (Silicon Labs)



SI1020-A-GM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI1020-A-GM                                                                                                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC RF TXRX+MCU ISM<1GHZ 85-VFLGA                                                                             |
| Datasheets:         | <a href="#">PDF 1.SI1020-A-GM.pdf</a><br><a href="#">PDF 2.SI1020-A-GM.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6179 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

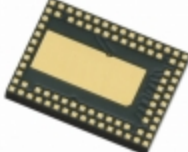
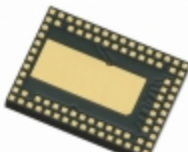
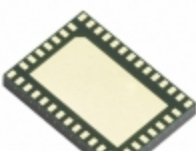
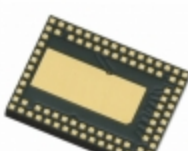
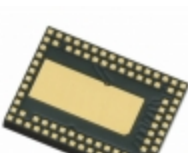
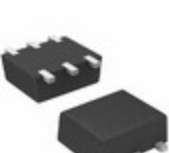
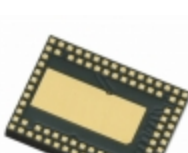
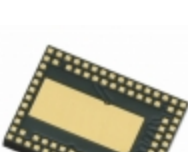
Specifications of SI1020-A-GM

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | SI1020-A-GM                                                                    |
| 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               | 6179 pcs                                                                       |
| DATA SHEET                       | <a href="#">PDF 1.SI1020-A-GM.pdf</a><br><a href="#">PDF 2.SI1020-A-GM.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.8 V                                                                  |
| TYPE                             | TxRx + MCU                                                                     |
| SERIES                           | -                                                                              |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                 |
| SENSITIVITY                      | -121dBm                                                                        |
| RF FAMILY/STANDARD               | General ISM < 1GHz                                                             |
| PROTOCOL                         | EZRadioPro                                                                     |
| POWER - OUTPUT                   | 20dBm (Max)                                                                    |
| PACKAGING                        | Tray                                                                           |
| PACKAGE / CASE                   | 85-VFLGA Exposed Pad                                                           |
| OTHER NAMES                      | 336-2173<br>SI1020AGM                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                  |
| MODULATION                       | FSK, GFSK, OOK                                                                 |
| MEMORY SIZE                      | 128kB 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) SI1020-A-GM | SI1020-A-GM Distributor              | SI1020-A-GM Supplier                        |
| SI1020-A-GM Price                       | SI1020-A-GM Pictures                 | SI1020-A-GM Image                           |
| SI1020-A-GM PDF Datasheet               | SI1020-A-GM Download Datasheet       | SI1020-A-GM Datasheet                       |
| SI1020-A-GM Stock                       | Buy SI1020-A-GM                      | Buy Energy Micro (Silicon Labs) SI1020-A-GM |
| Energy Micro (Silicon Labs) SI1020-A-GM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI1020-A-GM | Energy Micro SI1020-A-GM             | Energy Micro (Silicon Labs) SI1020-A-GM     |
| Silicon Laboratories SI1020-A-GM        | Silicon Labs SI1020-A-GM             |                                             |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI1016CX-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N/P-CH 20V SC89-6<br/>In stock: 560721 pcs<br/><b>RFQ</b></div>        |  <div><b>SI1020-B-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 10667 pcs<br/><b>RFQ</b></div>   |
|  <div><b>SI1020-915-A-DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV WIRELESS SI1020 915MHZ<br/>In stock: 5541 pcs<br/><b>RFQ</b></div>     |  <div><b>SI1020-B-GM3</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 12599 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI1015-C-GM2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 42-VFLGA<br/>In stock: 20548 pcs<br/><b>RFQ</b></div> |  <div><b>SI1020-B-GM3R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 13715 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI1021-A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 4228 pcs<br/><b>RFQ</b></div>    |  <div><b>SI1016X-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N/P-CH 20V SC89-6<br/>In stock: 178875 pcs<br/><b>RFQ</b></div>         |
|  <div><b>SI1016X-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N/P-CH 20V SOT563F<br/>In stock: 5124 pcs<br/><b>RFQ</b></div>           |  <div><b>SI1020-B-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 16089 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI1020-A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 85-VFLGA<br/>In stock: 5702 pcs<br/><b>RFQ</b></div>   |  <div><b>SI1020-915-A-SDK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT SOFTWARE DEV SI1020 915MHZ<br/>In stock: 6417 pcs<br/><b>RFQ</b></div>    |