



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | BGM11S22F256GA-V2                                                                                            |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | BLUETOOTH 4.X SIP MODULE +8DBM W                                                                             |
| Datasheets:         |  BGM11S22F256GA-V2.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12833 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of BGM11S22F256GA-V2

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BGM11S22F256GA-V2                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                               |
| DESCRIPTION                      | BLUETOOTH 4.X SIP MODULE +8DBM W                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 12833 pcs                                                                                                 |
| DATA SHEET                       |  BGM11S22F256GA-V2.pdf |
| VOLTAGE - SUPPLY                 | 1.85 V ~ 3.8 V                                                                                            |
| UTILIZED IC / PART               | EFR32BG                                                                                                   |
| SERIES                           | Blue Gecko                                                                                                |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                                            |
| SENSITIVITY                      | -90dBm                                                                                                    |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                 |
| PROTOCOL                         | Bluetooth v4.2                                                                                            |
| POWER - OUTPUT                   | 3dBm                                                                                                      |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | Module                                                                                                    |
| OTHER NAMES                      | 336-4041                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 6 (Time on Label)                                                                                         |
| MODULATION                       | GFSK                                                                                                      |
| MEMORY SIZE                      | 256kB Flash, 32kB RAM                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| FREQUENCY                        | 2.4GHz                                                                                                    |
| DATA RATE                        | 1Mbps                                                                                                     |
| CURRENT - TRANSMITTING           | 8.2mA                                                                                                     |
| CURRENT - RECEIVING              | 8.7mA                                                                                                     |
| ANTENNA TYPE                     | Integrated, Chip                                                                                          |

Related Tags

|                                               |                                      |                                                   |
|-----------------------------------------------|--------------------------------------|---------------------------------------------------|
| Energy Micro (Silicon Labs) BGM11S22F256GA-V2 | BGM11S22F256GA-V2 Distributor        | BGM11S22F256GA-V2 Supplier                        |
| BGM11S22F256GA-V2 Price                       | BGM11S22F256GA-V2 Pictures           | BGM11S22F256GA-V2 Image                           |
| BGM11S22F256GA-V2 PDF Datasheet               | BGM11S22F256GA-V2 Download Datasheet | BGM11S22F256GA-V2 Datasheet                       |
| BGM11S22F256GA-V2 Stock                       | Buy BGM11S22F256GA-V2                | Buy Energy Micro (Silicon Labs) BGM11S22F256GA-V2 |
| Energy Micro (Silicon Labs) BGM11S22F256GA-V2 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor           |
| Energy Micro (Silicon Labs) BGM11S22F256GA-V2 | Energy Micro BGM11S22F256GA-V2       | Energy Micro (Silicon Labs) BGM11S22F256GA-V2     |
| Silicon Laboratories BGM11S22F256GA-V2        | Silicon Labs BGM11S22F256GA-V2       |                                                   |

Related Products

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|  <div><b>BGM121A256V1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BGM121 BLUETOOTH SIP MODULE, 8 D<br/>In stock: 18534 pcs<br/><div>RFQ</div></div>      |  <div><b>BGM121A256V2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MODULE BT SIP MODULE WITH ANTENN<br/>In stock: 19032 pcs<br/><div>RFQ</div></div>      |
|  <div><b>BGM121A256V1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BGM121 BLUETOOTH SIP MODULE, 8 D<br/>In stock: 6607 pcs<br/><div>RFQ</div></div>        |  <div><b>BGM11S22F256GA-V2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUETOOTH 4.X SIP MODULE +8DBM W<br/>In stock: 13636 pcs<br/><div>RFQ</div></div> |
|  <div><b>BGM121N256V1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BGM121 BLUETOOTH SIP MODULE, 8 D<br/>In stock: 3260 pcs<br/><div>RFQ</div></div>        |  <div><b>BGM113A256V21R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MOD BLUETOOTH SMART FCC/CE<br/>In stock: 15871 pcs<br/><div>RFQ</div></div>           |
|  <div><b>BGM11S12F256GA-V2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUETOOTH 4.X SIP MODULE +3DBM W<br/>In stock: 14888 pcs<br/><div>RFQ</div></div>  |  <div><b>BGM113A256V2</b><br/>Manufacturers: Silicon Labs<br/>Description: BLUETOOTH SMART MODULE FCC/CE<br/>In stock: 6025 pcs<br/><div>RFQ</div></div>                          |
|  <div><b>BGM121A256V2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MODULE BT SIP MODULE WITH ANTENN<br/>In stock: 8138 pcs<br/><div>RFQ</div></div>        |  <div><b>BGM113A256V21</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MOD BLUETOOTH SMART FCC/CE<br/>In stock: 9882 pcs<br/><div>RFQ</div></div>             |
|  <div><b>BGM11S12F256GA-V2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUETOOTH 4.X SIP MODULE +3DBM W<br/>In stock: 11828 pcs<br/><div>RFQ</div></div> |  <div><b>BGM113A256V2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BLUETOOTH SMART MODULE FCC/CE<br/>In stock: 8231 pcs<br/><div>RFQ</div></div>          |