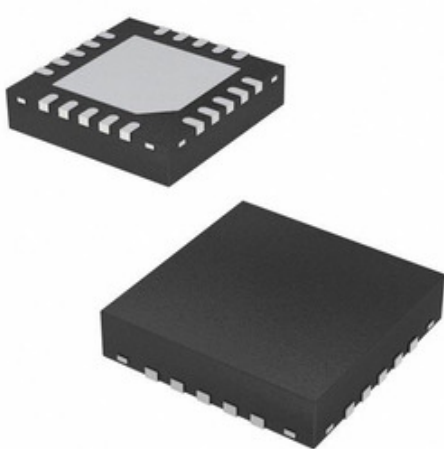




Energy Micro (Silicon Labs)



SI4455-B1A-FM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI4455-B1A-FM                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC RF TXRX+MCU ISM<1GHZ 20-VFQFN                                                                             |
|                     |  1.SI4455-B1A-FM.pdf        |
|                     |  2.SI4455-B1A-FM.pdf        |
|                     |  3.SI4455-B1A-FM.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 54602 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

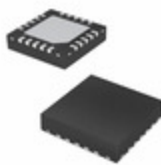
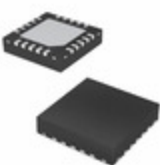
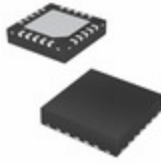
Specifications of SI4455-B1A-FM

|                                  |                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI4455-B1A-FM                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC RF TXRX+MCU ISM<1GHZ 20-VFQFN                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 54602 pcs                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.SI4455-B1A-FM.pdf<br> 2.SI4455-B1A-FM.pdf<br> 3.SI4455-B1A-FM.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                 |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                             |
| SERIAL INTERFACES                | SPI                                                                                                                                                                                                                                                                                                                           |
| SENSITIVITY                      | -116dBm                                                                                                                                                                                                                                                                                                                       |
| RF FAMILY/STANDARD               | General ISM < 1GHz                                                                                                                                                                                                                                                                                                            |
| PROTOCOL                         | -                                                                                                                                                                                                                                                                                                                             |
| POWER - OUTPUT                   | 13dBm (Max)                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | 336-2271-5<br>SI4455B1AFM                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                                                                                                                                                                                                                    |
| MODULATION                       | FSK, GFSK, OOK                                                                                                                                                                                                                                                                                                                |
| MEMORY SIZE                      | -                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                    |
| GPIO                             | 4                                                                                                                                                                                                                                                                                                                             |
| FREQUENCY                        | 283MHz ~ 960MHz                                                                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU General ISM                                                                                                                                                                                                                                                                                                  |
| DATA RATE (MAX)                  | 500kbps                                                                                                                                                                                                                                                                                                                       |
| CURRENT - TRANSMITTING           | 18mA ~ 30mA                                                                                                                                                                                                                                                                                                                   |
| CURRENT - RECEIVING              | 10mA                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI4455-B1A-FM | SI4455-B1A-FM Distributor            | SI4455-B1A-FM Supplier                        |
| SI4455-B1A-FM Price                       | SI4455-B1A-FM Pictures               | SI4455-B1A-FM Image                           |
| SI4455-B1A-FM PDF Datasheet               | SI4455-B1A-FM Download Datasheet     | SI4455-B1A-FM Datasheet                       |
| SI4455-B1A-FM Stock                       | Buy SI4455-B1A-FM                    | Buy Energy Micro (Silicon Labs) SI4455-B1A-FM |
| Energy Micro (Silicon Labs) SI4455-B1A-FM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI4455-B1A-FM | Energy Micro SI4455-B1A-FM           | Energy Micro (Silicon Labs) SI4455-B1A-FM     |
| Silicon Laboratories SI4455-B1A-FM        | Silicon Labs SI4455-B1A-FM           |                                               |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI4455-B1A-FMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 42463 pcs<br/><b>RFQ</b></div> |  <div><b>SI4448DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 12V 50A 8-SOIC<br/>In stock: 6159 pcs<br/><b>RFQ</b></div>         |
|  <div><b>SI4455DY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 150V 2A 8-SO<br/>In stock: 44366 pcs<br/><b>RFQ</b></div>          |  <div><b>SI4455-C2A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 53320 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI4455-C2A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 54822 pcs<br/><b>RFQ</b></div> |  <div><b>SI4453DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V 10A 8-SOIC<br/>In stock: 4827 pcs<br/><b>RFQ</b></div>         |
|  <div><b>SI4451DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V 10A 8-SOIC<br/>In stock: 65476 pcs<br/><b>RFQ</b></div>         |  <div><b>SI4455DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 150V 2.8A 8-SOIC<br/>In stock: 98318 pcs<br/><b>RFQ</b></div>      |
|  <div><b>SI4448DY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 12V 50A 8-SOIC<br/>In stock: 6712 pcs<br/><b>RFQ</b></div>         |  <div><b>SI4456DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 40V 33A 8-SOIC<br/>In stock: 85210 pcs<br/><b>RFQ</b></div>        |
|  <div><b>SI4451DY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V 10A 8-SOIC<br/>In stock: 73225 pcs<br/><b>RFQ</b></div>        |  <div><b>SI4453DY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V 10A 8-SOIC<br/>In stock: 3735 pcs<br/><b>RFQ</b></div>        |