



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI4460-B1B-FMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI4460-B1B-FMR                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC RF TXRX+MCU ISM<1GHZ 20-VFQFN                                                                             |
|                     |  1.SI4460-B1B-FMR.pdf       |
|                     |  2.SI4460-B1B-FMR.pdf       |
|                     |  3.SI4460-B1B-FMR.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 37236 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI4460-B1B-FMR

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI4460-B1B-FMR                                                                                                                                                                                                                                                                                                                   |
| 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               | 37236 pcs                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.SI4460-B1B-FMR.pdf<br> 2.SI4460-B1B-FMR.pdf<br> 3.SI4460-B1B-FMR.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                    |
| TYPE                             | TxRx + MCU                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                |
| SERIAL INTERFACES                | SPI                                                                                                                                                                                                                                                                                                                              |
| SENSITIVITY                      | -126dBm                                                                                                                                                                                                                                                                                                                          |
| RF FAMILY/STANDARD               | General ISM < 1GHz                                                                                                                                                                                                                                                                                                               |
| PROTOCOL                         | -                                                                                                                                                                                                                                                                                                                                |
| POWER - OUTPUT                   | 13dBm                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Original-Reel®                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | 336-4321-6                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                    |
| MODULATION                       | 4GFSK, GFSK, GMSK, OOK                                                                                                                                                                                                                                                                                                           |
| MEMORY SIZE                      | -                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| GPIO                             | 4                                                                                                                                                                                                                                                                                                                                |
| FREQUENCY                        | 119MHz ~ 1.05GHz                                                                                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU General ISM                                                                                                                                                                                                                                                                                                     |
| DATA RATE (MAX)                  | 1Mbps                                                                                                                                                                                                                                                                                                                            |
| CURRENT - TRANSMITTING           | 18mA                                                                                                                                                                                                                                                                                                                             |
| CURRENT - RECEIVING              | 10.7mA ~ 13.7mA                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) SI4460-B1B-FMR | SI4460-B1B-FMR Distributor           | SI4460-B1B-FMR Supplier                        |
| SI4460-B1B-FMR Price                       | SI4460-B1B-FMR Pictures              | SI4460-B1B-FMR Image                           |
| SI4460-B1B-FMR PDF Datasheet               | SI4460-B1B-FMR Download Datasheet    | SI4460-B1B-FMR Datasheet                       |
| SI4460-B1B-FMR Stock                       | Buy SI4460-B1B-FMR                   | Buy Energy Micro (Silicon Labs) SI4460-B1B-FMR |
| Energy Micro (Silicon Labs) SI4460-B1B-FMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI4460-B1B-FMR | Energy Micro SI4460-B1B-FMR          | Energy Micro (Silicon Labs) SI4460-B1B-FMR     |
| Silicon Laboratories SI4460-B1B-FMR        | Silicon Labs SI4460-B1B-FMR          |                                                |

Related Products

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| <div><div><b>SI4460-C2A-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 31763 pcs</div><div>RFQ</div></div> | <div><div><b>SI4461-B1B-FM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 35847 pcs</div><div>RFQ</div></div> |
| <div><div><b>SI4456DY-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 40V 33A 8-SOIC<br/>In stock: 85210 pcs</div><div>RFQ</div></div>         | <div><div><b>SI4461-B0B-FM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 4466 pcs</div><div>RFQ</div></div>  |
| <div><div><b>SI4459ADY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 30V 29A 8-SOIC<br/>In stock: 53524 pcs</div><div>RFQ</div></div>       | <div><div><b>SI4460-B1B-FM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 41819 pcs</div><div>RFQ</div></div> |
| <div><div><b>SI4461-868-DK</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV WIRELESS SI4461 868MHZ<br/>In stock: 130 pcs</div><div>RFQ</div></div>         | <div><div><b>SI4459BDY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CHAN 30V SO-8<br/>In stock: 65332 pcs</div><div>RFQ</div></div>          |
| <div><div><b>SI4456DY-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 40V 33A 8-SOIC<br/>In stock: 67496 pcs</div><div>RFQ</div></div>        | <div><div><b>SI4460-C2A-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 42349 pcs</div><div>RFQ</div></div> |
| <div><div><b>SI4461-B1B-FMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 33700 pcs</div><div>RFQ</div></div> | <div><div><b>SI4460-B0B-FM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN<br/>In stock: 5171 pcs</div><div>RFQ</div></div>  |