




Energy Micro (Silicon Labs)

## SI4461-B0B-FM

Part Number:	SI4461-B0B-FM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC RF TXRX+MCU ISM<1GHZ 20-VFQFN
Datasheets:	<a href="#">PDF 1.SI4461-B0B-FM.pdf</a> <a href="#">PDF 2.SI4461-B0B-FM.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

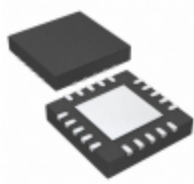
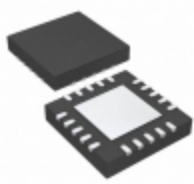


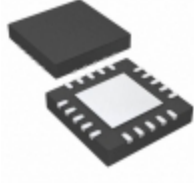
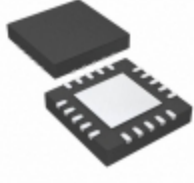
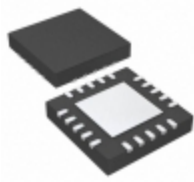

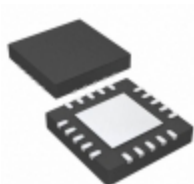
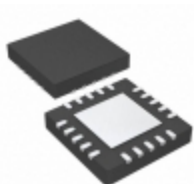
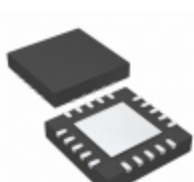
### Specifications of SI4461-B0B-FM

PART NUMBER	SI4461-B0B-FM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU ISM<1GHZ 20-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF 1.SI4461-B0B-FM.pdf</a> <a href="#">PDF 2.SI4461-B0B-FM.pdf</a>
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	16dBm (Max)
PACKAGING	Tray
PACKAGE / CASE	20-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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	29mA ~ 43mA
CURRENT - RECEIVING	10.7mA ~ 13.7mA

### Related Tags

Energy Micro (Silicon Labs) SI4461-B0B-FM	SI4461-B0B-FM Distributor	SI4461-B0B-FM Supplier
SI4461-B0B-FM Price	SI4461-B0B-FM Pictures	SI4461-B0B-FM Image
SI4461-B0B-FM PDF Datasheet	SI4461-B0B-FM Download Datasheet	SI4461-B0B-FM Datasheet
SI4461-B0B-FM Stock	Buy SI4461-B0B-FM	Buy Energy Micro (Silicon Labs) SI4461-B0B-FM
Energy Micro (Silicon Labs) SI4461-B0B-FM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI4461-B0B-FM	Energy Micro SI4461-B0B-FM	Energy Micro (Silicon Labs) SI4461-B0B-FM
Silicon Laboratories SI4461-B0B-FM	Silicon Labs SI4461-B0B-FM	

### Related Products

 <p><b>SI4461-B1B-FM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: 682 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI4461-C2A-GMR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: 154 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>SI4462DY-T1-GE3</b>          Manufacturers: Electro-Films (EFI) / Vishay          Description: MOSFET N-CH 200V 1.15A 8-SOIC          In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI4461-868-DK</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: KIT DEV WIRELESS SI4461 868MHZ          In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI4460-C2A-GM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: 337 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI4460-B0B-FM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI4460-B1B-FM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI4462DY-T1-E3</b>          Manufacturers: Electro-Films (EFI) / Vishay          Description: MOSFET N-CH 200V 1.15A 8-SOIC          In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI4460-B1B-FMR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI4461-B1B-FMR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI4460-C2A-GMR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI4461-C2A-GM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: IC RF TXRX+MCU ISM&lt;1GHZ 20-VFQFN          In stock: Out stock</p> <p><a href="#">RFQ</a></p>