



Energy Micro (Silicon Labs)

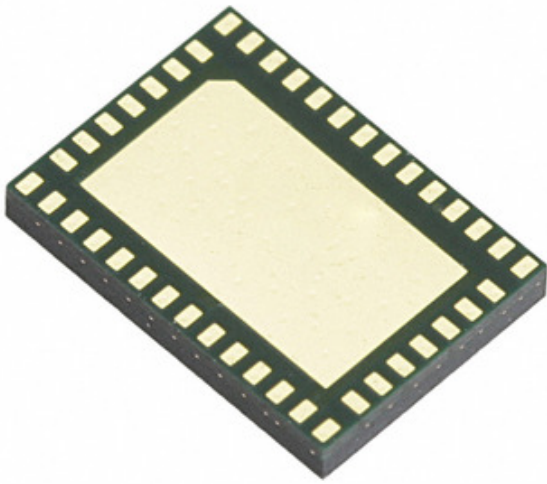


Image may be representation. See specifications for product details.

SI1002-E-GM2

Part Number:	SI1002-E-GM2
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU ISM<1GHZ 42-VFLGA
Datasheets:	1.SI1002-E-GM2.pdf 2.SI1002-E-GM2.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

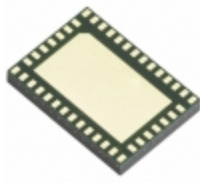
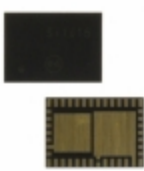
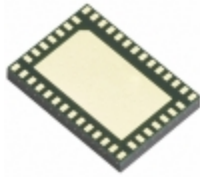
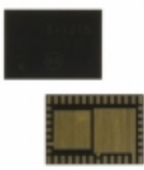
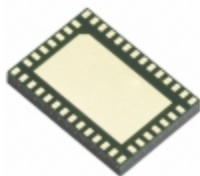
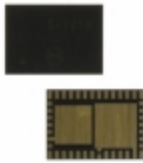
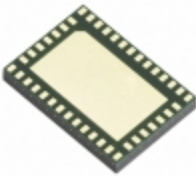
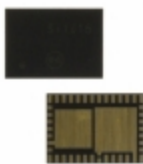
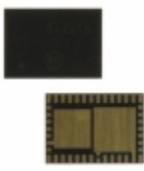
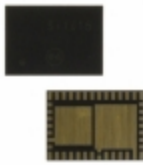
Specifications of SI1002-E-GM2

PART NUMBER	SI1002-E-GM2
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU ISM<1GHZ 42-VFLGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.SI1002-E-GM2.pdf 2.SI1002-E-GM2.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² C, SPI, UART
SENSITIVITY	-121dBm
RF FAMILY/STANDARD	General ISM < 1GHz
PROTOCOL	EZRadioPro
POWER - OUTPUT	13dBm
PACKAGING	Tray
PACKAGE / CASE	42-VFLGA Exposed Pad
OTHER NAMES	336-2465-5 SI1002-E-GM SI1002-E-GM-ND
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	FSK, GFSK, OOK
MEMORY SIZE	64kB Flash, 4.35kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	22
FREQUENCY	240MHz ~ 960MHz
DETAILED DESCRIPTION	IC RF TxRx + MCU General ISM
DATA RATE (MAX)	256kbps
CURRENT - TRANSMITTING	17mA ~ 30mA
CURRENT - RECEIVING	18.5mA

Related Tags

Energy Micro (Silicon Labs) SI1002-E-GM2	SI1002-E-GM2 Distributor	SI1002-E-GM2 Supplier
SI1002-E-GM2 Price	SI1002-E-GM2 Pictures	SI1002-E-GM2 Image
SI1002-E-GM2 PDF Datasheet	SI1002-E-GM2 Download Datasheet	SI1002-E-GM2 Datasheet
SI1002-E-GM2 Stock	Buy SI1002-E-GM2	Buy Energy Micro (Silicon Labs) SI1002-E-GM2
Energy Micro (Silicon Labs) SI1002-E-GM2	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI1002-E-GM2	Energy Micro SI1002-E-GM2	Energy Micro (Silicon Labs) SI1002-E-GM2
Silicon Laboratories SI1002-E-GM2	Silicon Labs SI1002-E-GM2	

Related Products

 SI1002-E-GM2R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-VFLGA In stock: Out stock RFQ	 SI1001-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-WFQFN In stock: Out stock RFQ
 SI1003-E-GM2 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-VFLGA In stock: 106 pcs RFQ	 SI1002-ESB2-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-WFQFN In stock: Out stock RFQ
 SI1001-E-GM2R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-VFLGA In stock: Out stock RFQ	 SI1002R-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET N-CH 30V 610MA SC75A In stock: Out stock RFQ
 SI1002-ESB2-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-WFQFN In stock: Out stock RFQ	 SI1001-E-GM2 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-VFLGA In stock: 131 pcs RFQ
 SI1002-CSB2-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-WFQFN In stock: Out stock RFQ	 SI1002-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-WFQFN In stock: Out stock RFQ
 SI1003-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM<1GHZ 42-WFQFN In stock: Out stock RFQ	 SI1000DK Manufacturers: Energy Micro (Silicon Labs) Description: DEVELOPMENT KIT SI101X In stock: Out stock RFQ