

SI1001-E-GM2R Information


For Reference Only

Part Number [SI1001-E-GM2R](#)
Manufacturer Silicon Labs
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description IC RF TXRX+MCU ISM<1GHZ 42-VFLGA
Package 42-VFLGA Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


SI1001-E-GM2R Specifications

Manufacturer Part Number	SI1001-E-GM2R
Manufacturer	Silicon Labs
Category	RF/IF and RFID RF Transceiver ICs
Package	42-VFLGA Exposed Pad
Series	-
Type	TxRx + MCU
RF Family/Standard	General ISM < 1GHz
Protocol	EZRadioPro
Modulation	FSK, GFSK, OOK
Frequency	240MHz ~ 960MHz
Data Rate (Max)	256kbps
Power - Output	20dBm
Sensitivity	-121dBm
Memory Size	32kB Flash, 4.35kB RAM
Serial Interfaces	I2C, SPI, UART
GPIO	22
Voltage - Supply	1.8 V ~ 3.6 V
Current - Receiving	18.5mA
Current - Transmitting	85mA
Operating Temperature	-40°C ~ 85°C
Package / Case	42-VFLGA Exposed Pad

[Report errors?](#)

SI1001-E-GM2R Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

SI1001-E-GM2R Payment Methods



SI1001-E-GM2R Shipping Methods



If you have any question about SI1001-E-GM2R, please do not hesitate to contact us!

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