

BGM11S12F256GA-BG2 Datasheet



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DiGi Electronics Part Number	BGM11S12F256GA-BG2-DG
Manufacturer	Silicon Labs
Manufacturer Product Number	BGM11S12F256GA-BG2
Description	RF TXRX MODULE BT CHIP SMD
Detailed Description	Bluetooth Bluetooth v4.2 Transceiver Module 2.4GHz Integrated, Chip Surface Mount

This model BGM11S12F256GA-BG2 is available at DiGi Electronics.

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Manufacturer Product Number:

BGM11S12F256GA-BG2

Series:

Blue Gecko

DiGi-Electronics Programmable:

Not Verified

Protocol:

Bluetooth v4.2

Frequency:

2.4GHz

Power - Output:

2dBm

Serial Interfaces:

I2C, SPI, UART

Utilized IC / Part:

EFR32BG

Voltage - Supply:

1.85V ~ 3.8V

Current - Transmitting:

8.2mA

Operating Temperature:

-40°C ~ 85°C

Base Product Number:

BGM11

Manufacturer:

Silicon Labs

Product Status:

Active

RF Family/Standard:

Bluetooth

Modulation:

GFSK

Data Rate:

1Mbps

Sensitivity:

-90dBm

Antenna Type:

Integrated, Chip

Memory Size:

256kB Flash, 32kB RAM

Current - Receiving:

8.7mA

Mounting Type:

Surface Mount

Package / Case:

Module

Environmental & Export classification

Moisture Sensitivity Level (MSL):

3 (168 Hours)

HTSUS:

8542.31.0001

ECCN:

5A992C

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