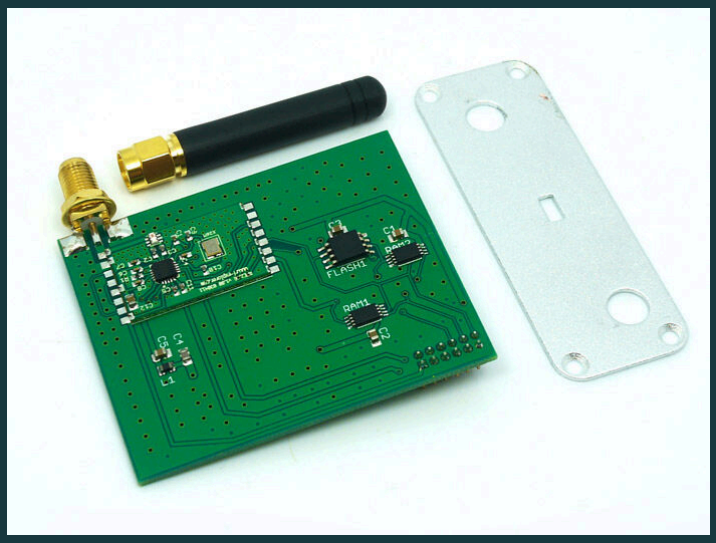
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INDUSTRIAL PRODUCT DATASHEET

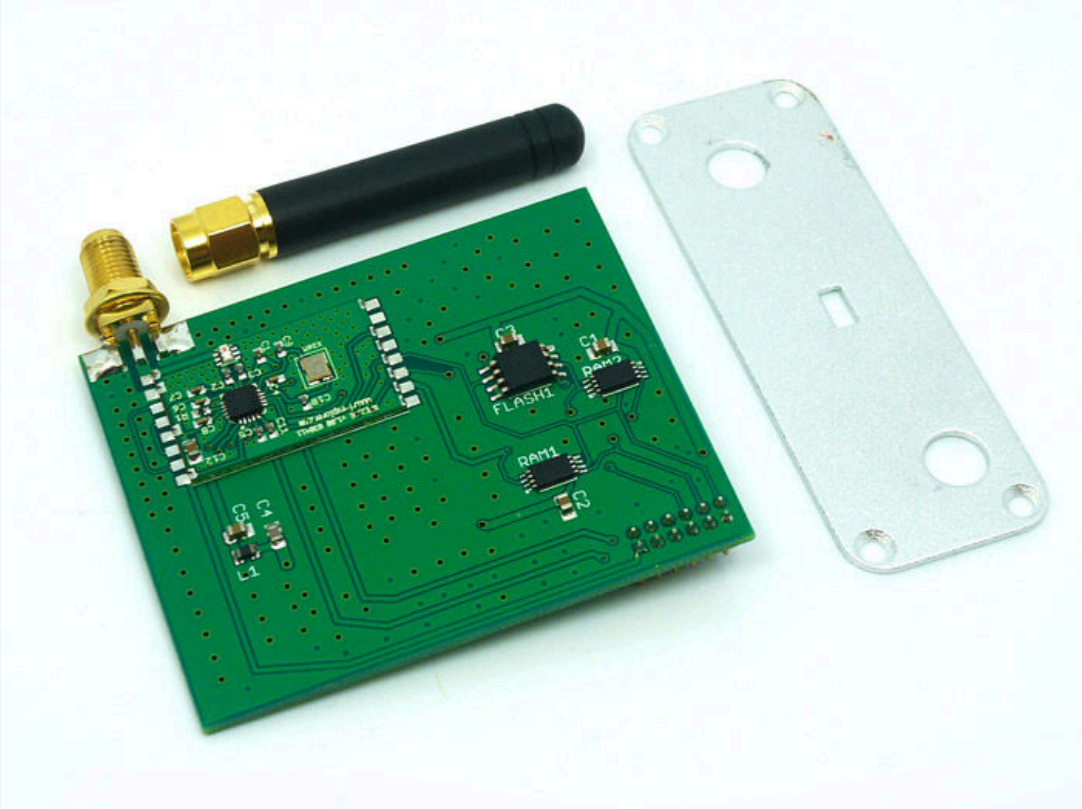
RF Explorer RFEM2.4G module

RF Explorer RFEM2.4G expansion module extends RF Explorer coverage to 2400-2484 MHz with an SMA 50 ohm connector, included matching antenna, and lifetime free firmware upgrades.

SKU	UPDATED	PRICE
109990002	2025-07-30 07:25:47	$45.00(Excl. VAT)



Overview



The RF Explorer RFEM2.4G module is an expansion module that plugs into RF Explorer units to extend frequency coverage to 2400-2484 MHz for Wi-Fi, Bluetooth, and ZigBee. It adds a second SMA 50 ohm antenna connector and expands internal FLASH and RAM, with lifetime free firmware upgrades; expansion models are not currently supported in the WSUB1G PLUS model.

Key Features

RFEM2.4G is an Expansion Module for RF Explorer. It can be plugged in your RF Explorer unit to extend the coverage to 2.4Ghz frequency band.

It gets attached internally to the RF Explorer main board and exhibits a second antenna connector to cover the new band.

Feature

- Easy to plug in your RF Explorer unit, compatible with all models.
- Extend band coverage to popular 2.4Ghz technologies such as Wi-Fi, Bluetooth and ZigBee
- Extend internal FLASH and RAM memory for additional capabilities
- Lifetime free firmware upgrades available, open to community requested features
- Currently no firmware support for expansion models is available in WSUB1G PLUS model; this is in current developm **explorer.com/expansion**.

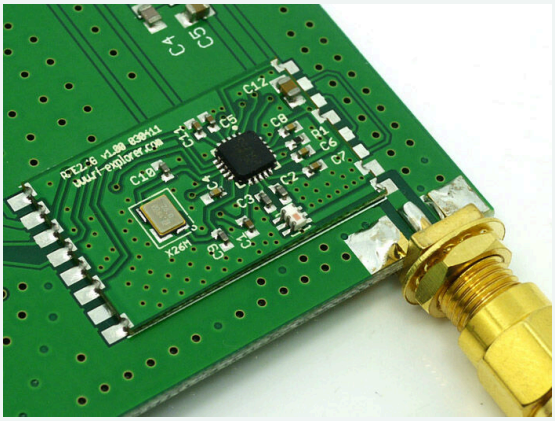
Specification

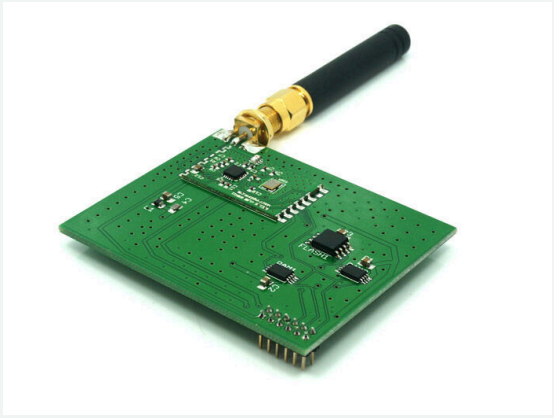
- Frequency band coverage: 2400-2484 MHz
- Standard SMA 50 ohms connector, a matching antenna is included
- Amplitude resolution: 0.5dBm
- Dynamic range: -105dBm to -15dBm
- Absolute Max input power: +5dBm
- Average noise level (typical): -105dBm
- RF Generator amplitude: -30dBm to +1dBm
- Frequency stability and accuracy (typical): +-10ppm
- Amplitude stability and accuracy (typical): +-3dBm
- Frequency resolution: 1Khz
- Resolution bandwidth (RBW): automatic 58Khz to 812Khz

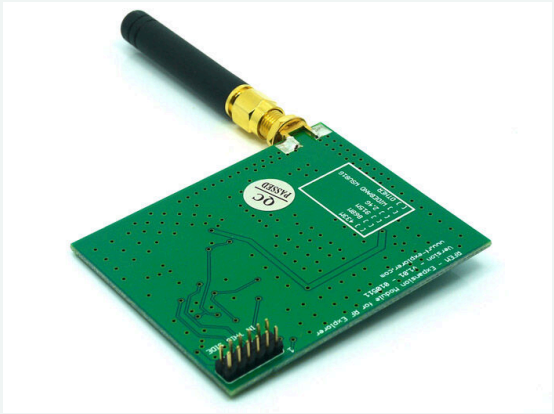
For more info please visit **www.rf-explorer.com**

For questions and support, please visit **https://support.rf-explorer.com**.

Product Gallery







Part List

RFEM2.4G module	1
SMA 50 ohms connector	1
Antenna	1

Compliance & Logistics



HSCODE	9030900090
USHSCODE	9030904600
UPC	841454103851
COO	CHINA

Resource Links

- https://www.seeedstudio.com/RFEM2-4G-module-p-910.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com