

Item no.: 343439

## MS50SFB1 NRF52811 MODULE - nRF52811 Module MS50SFB1

from **9,31 EUR**

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shipping weight: 0.10 kg

Manufacturer: MINEW Technologies



### Product Description

#### nRF52811 Module MS50SFB1

State-of-the-art Bluetooth 5.1 module MS50SFB1 based on Nordic nRF52811 with full GPIO and ultra-small size over the overall market. The nRF52811 module includes a multiprotocol 2.4 GHz radio, 192 kB Flash memory and 24 kB RAM, has optimized 4 dBm TX power and excellent RX sensitivity of all SoCs in the nRF52 series, which is an excellent choice for the cost-constrained project.

- Bluetooth 5.1
- 32 GPIOs
- Max. +4 dBm transmission power
- 192 kB Flash memory and 24 kB RAM
- Metal shielding with laser marking
- High accurate digital RSSI
- Antenna type: PCB antenna
- Certification service: Bluetooth EPL/QDID, FCC, CE, TELEC, IC, RCM, WPC, RoHs, Reach, SRRC
- EVAL board can be provided

#### Parameters

- Operation voltage: 1.7-3.6 V
- Operation frequency: 2400-2483 MHz
- Frequency error: +/- 20 kHz
- Transmit power: -40 ~ +4 dBm
- Receiving sensitivity: -97 dBm
- Receiving current: 4.6 mA
- Transmission current: 4.6 mA
- Sleep consumption: Less 1 uA
- Antenna types: PCB antenna
- Dimension: 20 x 12 x 2 mm
- Transmission distance: Max. 200-300 meters

### Specifications

Scan this QR code to  
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All details, up-to-date  
prices and availability

