

Item no.: 343438

## MS50SFB1 NRF52832 MODULE - nRF52832 Module MS50SFB1

from **9,31 EUR**

Item no.: 343438  
shipping weight: 0.10 kg  
Manufacturer: MINEW Technologies



### Product Description

#### nRF52832 Module MS50SFB1

The MS50SFB1 is an nRF52832 Bluetooth 5.0 low energy module. It is a full GPIO and small size module powered by a Nordic nRF52832 SoC. The module includes a multiprotocol 2.4 GHz radio, 512 KB Flash memory and 24 KB RAM, has optimized 4 dBm TX power and excellent RX sensitivity, which is competitive for most IoT projects.

- Bluetooth 5.0 technology
- 32 GPIOs
- Max. +4 dBm transmission power
- 512 K Flash and 64 K RAM
- NFC type A interface
- UART communication protocol (Slave/Master option)
- Metal shielding with marking
- High accurate digital RSSI
- Antenna types for optional: PCB
- Certifications: Bluetooth QDID, CE, FCC, IC, TELEC, RCM, WPC, RoHS, REACH

#### Parameters

- Operation voltage: 1.7-3.6 V
- Operation frequency: 2400-2483 MHz
- Frequency error: +/- 20 kHz
- Transmit power: -40 ~ +4 dBm
- Receiving sensitivity: -96 dBm
- Receiving current: 5.4 mA
- Transmission current: 5.3 mA
- Sleep consumption: Less 1 uA
- Antenna type: PCB antenna
- Dimensions: 20 x 12 x 2 mm
- Transmission distance: Max. 100 meters

### Specifications

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

