

Item no.: 343441

## MS88SF3 NRF52840 MODULE - nRF52840 Module MS88SF3

from **10,27 EUR**

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shipping weight: 0.10 kg

Manufacturer: MINEW Technologies



### Product Description

#### nRF52840 Module MS88SF3

MS88SF3 is a powerful, compact, highly flexible, ultra-long range, ultra-low power, wireless BLE 5.0 module based on an nRF52840 SoC. Its powerful 32-bit ARM Cortex™ M4F CPU, Flash memory of 1 MB, RAM of 256 KB and integrating a 2.4 GHz transceiver, it offers the perfect solution for Bluetooth wireless connectivity. MS88SF2 can meet the most demanding applications, it allows faster time to market with high performance, low power management and reduced development cost.

- Bluetooth 5.0
- Up to 48 GPIOs
- Max. +8 dBm transmission power
- 1 MB Flash memory and 256 KB RAM
- Metal shielding with laser marking
- High accurate digital RSSI
- Supports IEEE 802.15.4 (Zigbee, Thread)
- Supports Mesh software
- Integrated PCB antenna, support external antenna connection through RF pin
- Certification: EPL/QDID, FCC, CE certified

#### Parameters

- Operation voltage: 1.7-5.5 V
- Operation frequency: 2400-2483 MHz
- Frequency error: +/-20 kHz
- Transmit power: -40 ~ +8 dBm
- Receiving sensitivity: -103 dBm
- Receiving current: 4.8 mA
- Transmission current: 4.9 mA
- Sleep consumption: Less 1 uA
- Antenna types: PCB antenna
- Dimension: 18.5 x 12.5 x 2 mm
- Transmission distance: Max. 300-350 meters

### Specifications

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

