

Item no.: 343440

MS88SF2 NRF52833 MODULE - nRF52833 Module MS88SF2

from **9,90 EUR**

Item no.: 343440

shipping weight: 0.10 kg

Manufacturer: MINEW Technologies



Product Description

nRF52833 Module MS88SF2

The MS88SF2 module is a powerful, compact, highly flexible, ultra-long range ultra-low power, wireless BLE 5.1 module based on an nRF52833 SoC. Its powerful 32-bit ARM CortexTM M4F CPU, Flash memory of 512 KB, RAM of 128 KB and integrating a 2.4 GHz transceiver can offer 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 5.1
- 20 GPIOs
- Max. +8 dBm transmission power
- 512 KB Flash memory and 128 KB RAM
- Metal shielding with laser marking
- High accurate digital RSSI
- Supports IEEE 802.15.4 (Zigbee, Thread)
- Supports Mesh software
- IPEX/u.FL connector for external antenna
- Certification: EPL/QDID, FCC, CE, TELEC, IC, RCM, WPC, RoHS, Reach 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 type: PCB antenna
- Dimension: 23.2 x 17.4 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

