

Item no.: MS88SF2-1_1

MS88SF2-1Y40AIR_CONFIG1 - Bluetooth Low Energy Module, PCB Antenna, Config 1

from **9,90 EUR**

Item no.: MS88SF2-1_1

shipping weight: 0.10 kg

Manufacturer: MINEW Technologies



Product Description

MS88SF2-1 - Bluetooth Low Energy Module, PCB Antenna, Config 1

The MS88SF21 module is an advanced, compact size, highly flexible, ultra-low power wireless BLE 5.0 module based on Nordic nRF52840 SoC with an optimized and complete radio design of 2 types of antennas available: PCB antenna or u.FL (IPEX) connector for an external antenna. MS88SF2 series brings out all nRF52840 hardware features and capabilities including USB access, up to +8 dBm transmit power, up to 5.5 V supply considerations, and 802.15.4 (Thread/Zigbee) implementation, Bluetooth 5 long range feature and advanced security capabilities.

- Product variant: MS88SF21-1Y40AIR
- PCB antenna: Yes
- Chip inside: nRF52840
- Bluetooth qualification: v5.0 (Bluetooth Low Energy)
- Bluetooth Low Energy output power EIRP: 8 dBm
- Maximum range: 800 m
- Maximum number Of connections: 8
- Standalone module open CPU: Yes
- UART: 2
- SPI: 7
- Twl (2C compatible): 2
- GPIO: 48
- ADC: 4
- PWM: 16
- Minimum supply: 1.7 M
- Maximum supply: 5.5 M
- Maximum temperature: 85°C
- Minimum temperature: -40°C
- Size: 23.2 x 17.4 x 2 mm
- Config 1: 2.5-5 V to VDDH, USB available

Specifications

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

