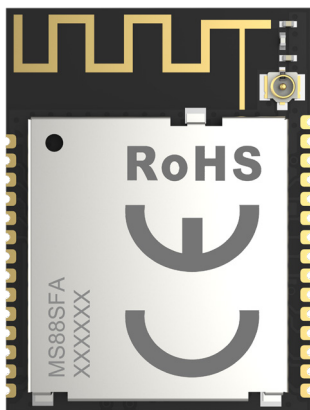


Bluetooth LE Module

MS88SFA



Datasheet
V 1.0.0



MS88SFA-nRF52840

Support BLE master-slave mode switching, serial port command configuration, Bluetooth transmitting master-slave module

The MS88SFA is a master-slave module that can be switched into master/slave mode by command, master and slave cannot work at the same time and only one-to-one connection is possible. The device defaults to master mode. In master mode, the device can be scanned and connected through commands. The device communicates with the MCU through the UART interface. In command mode, commands can be sent through the UART to modify the scanning interval, scanning timeout, connection interval, broadcasting interval, broadcasting customized data, and baud rate.

FEATURES

- 

Supports master-slave switching
- 

Built-in PA/LNA
- 

Power up to Maximum+20dbm
- 

Transmission rates as fast as 11kB/S
- 

Support serial command configuration
- 

Transmission distance up to 600 meters in open space
- 

Support iBeacon broadcast mode

KEY PARAMETER

MS88SFA-nRF52840			
Chip Model	nRF52840	Antenna	PCB/IPEX(MHF 5)
Module Size	23.2×17.4×2mm	GPIO	29
Flash	1M	RAM	256KB
Receiving Sensitivity	-96dBm	Transmission Power	~ +20dBm

APPLICATION

- 

Smart Buildings
- 

Consumer Electronics
- 

Intelligent Medical care
- 

Smart Agriculture
- 

Security Equipment
- 

Automotive Equipment

CERTIFICATION



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