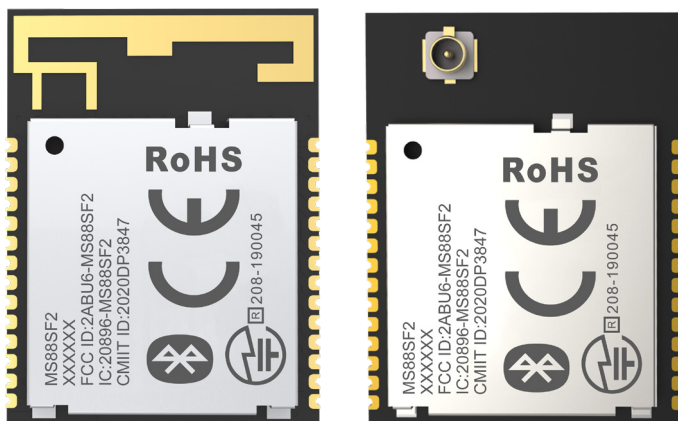


Bluetooth LE Module

MS88SF2



Datasheet

V 1.0.0



MS88SF2-nRF52833

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

The MS88SF2 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



One-to-one connection



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

MS88SF2-nRF52833			
Chip Model	Nordic nRF52833	Antenna	PCB/IPEX
Module Size	23.2×17.4×2mm	GPIO	20
Flash	512KB	RAM	128kB
Receiving Sensitivity	-96dBm(1Mbps)	Transmission Power	-40~ +8dBm
Current(TX)	0dBm-4.9mA	Current(RX)	4.6mA
Firmware	Master-Slave UART firmware		

APPLICATION



Smart Home



Consumer Electronics



Smart Healthcare



Smart Wearable Devices



Security Equipment



Automotive Equipment

CERTIFICATION

 Bluetooth®





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