MINEW MS88SFA Bluetooth PA Module Instructions

Contents

MINEW MS88SFA Bluetooth PA Module

Specifications

- **Model:** MS88SFA
- **Antenna:** PCB/ IPEX
- **Chip model:** Nordic nRF52833
- **Module Dimension:** 23.2*17.4*2mm
- **Storage Capacity:** 512kB
- **RAM:** 128kB
- **Receiving Sensitivity:** -96dBm
- **Transmission Power:** ~+20dBm
- **GPIO Application area:** 29
- **Firmware:** /
- **Application areas:** Smart home, Intelligent wearable device, Consumer electronics, Intelligent medical, Security equipment, Automotive equipment, Sports fitness equipment, Instruments and apparatuses

Product Introduction

The MS88SFA is a BLE5.2 PA/LNA module based on the highly flexible and very low power-loss nRF52833 SoC. It features a strong 32-bit ARM CortexTM M4F CPU, 512kB flash memory, 128kB RAM, and an integrated 2.4GHz transceiver. The module provides wonderful solutions for Bluetooth connectivity and supports ANT, BLE, BLE MESH, and THREAD protocols. It has a communication distance of up to 600m at a 1Mbps rate and comes with a built-in PA/LNA.

Features

- Bluetooth 5.2
- Built-in PA/LNA
- Power up to Maximum+20dBm

- PCB antenna and IPEX mount optional
- Communication distance up to 600m at a 1Mbps rate
- Support ANT, BLE, BLE MESH, and THREAD protocols

Documents / Resources

MINEW MS88SFA Bluetooth PA Module [pdf] Instructions
MS88SFA, MS88SFA Bluetooth PA Module, Bluetooth PA Module, PA Module, Module

References

- **Expert IoT Devices Manufacturer & Designer: Beacons, Tags, Sensors & Gateways-Minew**
- **User Manual**