

Bluetooth Audio

Principle Description

This Bluetooth using lithium battery-powered, support analog single sound input.

The ISSC 1632 is a highly integrated Bluetooth baseband controller designed for high data rate, short-range wireless communications in the 2.4 GHz ISM band, System clock 16 MHz.

The modulation is GFSK for 1M data rate, $\pi/4$ -DQPSK for 2M data rate, and 8DPSK for 3M data rate. Fast frequency hopping (1600 hops/s) is used over a total of 79 channels between 2.402 GHz up to 2.480 GHz. The channel bandwidth is 1 MHz. The ISSC1632's audio engine supports CVSD/A-law/ μ -law voice encoder/decoder and SBC encoder/decoder

The ISSC 1632 is a fully integrated CMOS RF transceiver designed for 2.4GHz Bluetooth enhanced data rate (EDR) applications, and supports all data rates. The IS1632 incorporates the complete CMOS RF receiver, transmitter, and frequency synthesizer. The IS1632 is fabricated with standard CMOS process

The Terax is a power management IC, Completion of lithium batteries and power supply systems DC1. 8V .

This product is used PCB antenna, to distance within the range of 10 meters.

The Products work could use the time for four hours, charging time of two hours to complete, you can use rechargeable,