

Operational Description

H032 adopt Bluetooth V4.0 wireless communication technology.

It supports Bluetooth wireless connections between devices, it works in 2.4-2.48GHz basis on ISM standard.

It include two modulation: FHSS and DSSS, the former including enhanced data rates to 1-3Mbps. It communication with the speed of 1600 times per second at the 79 channel frequency hopping to select the minimum interference channel, the latter adopt DSSS, usually we call it BLE mode, it works only 40 channel, more intelligent, can sleep longer.

The EUT use 8610BGA module of CSR, the module built-in MCU, 2.4GHz Radio, DSP baseband, audio processing, and etc. The clock signal module internal 26MHz crystal oscillators provide reference for chip.

Power supply voltage is 3.7V battery, charging input voltage DC 5V, the USB port does not support any other function except charging.