## Circuit Principle easy description:

This device is a Bluetooth keyboard.

It works in Bluetooth band range. The frequency range of Bluetooth module is 2.402GHZ to 2.480GHZ, It work in Frequency-Hopping Spread Spectrum mode. Modulation type is GFSK. The system clock of Bluetooth module is 26MHZ, Use a PCB antenna, Wireless communications distance up to 20 feet.

The main chip AB1108 is for keys scan, status indication and Bluetooth communication. Build in a Li-polymer Battery power supply with charging circuit and power switch. The chip 4054 is a Li-ion charge chip and charge by USB port with a macro USB cable.