Circuit Description

Bluetooth keyboard uses the YC1026 high-performance, low-power Bluetooth chip as the main control chip. The main control chip operates at a frequency range of 2402-2480 MHz. The modulation method is GFSK. The device connects via the standard HID Bluetooth protocol. The power supply is provided by two AAA batteries. Power on process: put the battery into the product, and the red light on the product will light up. Press Fn+C key to enter the pairing, and the blue light will start flashing. Turn on the device's Bluetooth and search for the keyboard name to pairing. After pairing successfully, the blue light will turn off. If there is no operation, it will enter sleep situation for 10 minutes. Press any key to wake up.

Voltage Range: DC 3V from battery
MCU: YC1026
Crystal: 24MHz
Frequency Range: BLE 1M: 2402-2480MHz
Modulation Technique: GFSK