Operation Description

This wireless keyboard gets power from 2AAA alkaline batteries or recharging batteries.
The working frequency of the main keyboard IC SPCP800A is 8MHz, and the ID code is stored in EEPROM (93C46).
The working frequency of RF IC SPRF2400A is 16MHz, and there are 32 channels in 2 groups hopping channels from 2.405GHz to 2.476GHz. 24 bits ID number allows the receiver to identify its keyboard.
There are three modes when the keyboard is in function, normal mode, idle mode and sleep mode. In normal mode, the power is not higher than 3V 6mA. When it is not in use for 3 seconds, it changes to idle mode, and the power is not higher than 3V 2mA. After 10 seconds in idle mode, it changes to sleep mode, and the power is not higher than 3V 50uA.