

The description for the transmit circuit of wireless keyboard

- a. IC u1 (HT48R70A-1) is used for collecting the matrix signal of all the keys of keyboard, then sending to the receiver by 2.4G RF IC U2 (nRF24L01), and a clock signal of the frequency 6MHz as base clock.
- b. IC u6 (TB88-27) and u5 (A1C1680N-2.2) are used for managing power supply and supplying enough power to u1 and u2.
- c. IC u3 is used for store RF ID.
- d. IC U2(RF24L01) is the 2.4 G module. MCU will send a signal to the manner in GFSK modulation, frequency modulation 2.403 ~ 2.478 GHZ, and a clock signal with the frequency 16MHz as base clock of the RF IC.