

Keyboard parts

MCU HT82K68E which used in the K/B decode these data ,and then passes decoded data to MCU HT82K68E.After decoding , and then passes decoded data to RF circuit through 2.4G radio wave . RF circuit passes all these data to the receiver. The radiofrequency part uses NORDIC high speed 1Mbps, automatic frequency-hopping. The way of manual to the frequency is pressing down RX ID KEY, RX LED lamp twinkles, pressing down TX ID KEY, RX LED lamp stops twinkle, then LINK. RF circuit use a 16MHZ crystal, and this circuit has DC/DC power processor in it. Super saving electricity ,the keyboard will enter the deep sleep pattern automatically when not having the movement in 8 minutes. The deep sleep pattern current is smaller than 5uA, does not consume the electricity nearly. Includes the test pattern to use in testing the frequency error and other functions(Holds down ID key and puts power on to enter the test pattern).