

Dongle circuit description

The receiver is powered by the keyboard USB, and the clock signal is provided by the 24MHz crystal oscillator. The 2.4GHz wireless receiver receives the signal of the transmitter. After the signal is received successfully, it is decoded, and the status of the key is transmitted to the keyboard through the USB d+, d-pins; The product transmits information through 2.4G wireless, the frequency range is 2400-2483mhz, and the receiving sensitivity is $\geq -85\text{dBm}$