Working Theory of Keyboard

Keyboard:

The trigger signal is given to the MCU for data processing, and then transmitted to the Receiver via power- amplifier.

Without trigger signal given, nothing will be found even when MCU scanning. Under this condition, MCU will be in sleeping mode immediately (while the current =100μA).

Although in sleeping mode, MCU is still scanning and will wake up when trigger signal is given to the keyboard. Additionally, there is a low-power detection function; an alarm signal is given by MCU when power is under 1.9V.