Working Theory of Keyboard and Mouse

Mouse:

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 $\leqslant 100 \mu A$).

Although in sleeping mode, MCU is still scanning and will wake up when trigger signal is given to the mouse.