Applicant: SHENZHEN WEI JIAN ELECTRONIC CO., LTD.
FCC ID: SJ6-W2028RF

Operational Description

I. When user types the keyboard, the membrane in the keyboard acts ON/OFF to form a closed circuit of the relevant I/O (scan input/output) port of MCU (MA60H12), and sends the scanned signal to the MCU.

II. The MCU（MA60H12）encodes and modulates the signal and produces key assignments (pulse data) corresponded with the typing.

III. The MCU（MA60H12）groups the key assignments into frequency combination (FSK signal). The frequency-producer combining the MCU with a 27MHz resonator produces a high frequency carrier wave which is mixed in the MCU. The frequency-producer sends out the carrier wave through the antenna.

The Receiver:

Ⅰ. The receiver picks up the carrier wave through the antenna and input the MCU (UTC3361) to mix. And the receiver produces a medium wave (455 KHz) which is reverted (A-D) into the original pulse signal after being processed by the identifier.

Ⅱ. The original pulse signal is transmitted to the MCU (MA6135) to encode to get a code which can be recognized by the computer. And the code is transmitted to the PSII by the cable. The computer changes the code into the typing character.