

Circuit Description

- a. The function of IC-EEK8011A is used for gathering signal produced by key operation and output to master control chip, the clock signal of the 6MHz is base clock frequency.
- b. The IC-GL850G is the master control chip with a clock signal of the 12MHz, it has two USB ports for to connect the external USB device, eg. USB disk, USB mouse etc. as a USB hub, and the keyboard connects to computer via USB port.
- c. The work voltage is DC 5V by USB port.

Description for circuit:

Key circuit:

- a. The function of MCU Ev656K61H is used for processing signal produced by optical key operation and transmitting the signal to RF circuit formed by Q1, Q2, Q3, Q4, L1 and other electronic components to modulate, amplify and send out.
- b. The RF signal of 27.045MHz is generated by a oscillator of 13.5225MHz circuit, and the modulated 27.045MHz wireless signal is transmitting via antenna.

3. Rx receiving circuit:

- a. RF circuit Ev2186 transmits the radio modulation signal which has received to MCU Ev656T72H to process and import pc computer.