

L111 Circuit Description

1. Two AAA batteries supply the power of the circuit working;
2. The D.C. to D.C. regulator(U1) raise the batteries supply voltage to 3V;
3. When press any key, the MCU(U5) can catch the action by the voltage level's change;
4. The Laser sensor scan the interface by brightness, and transform the information to the digital signals, then send to the MCU(U5).;
5. When the MCU received the signal, it will code them and transmit to the antenna network;
6. The information , about R.F. channel and laser power value, was stored in the EEPROM(U3)
7. The 4MHz oscillator supply the clock frequency to MCU;
8. the 13.5225MHz crystal oscillator(Y2) produce carrier wave and then double to 27.045MHz by the frequency choose network.