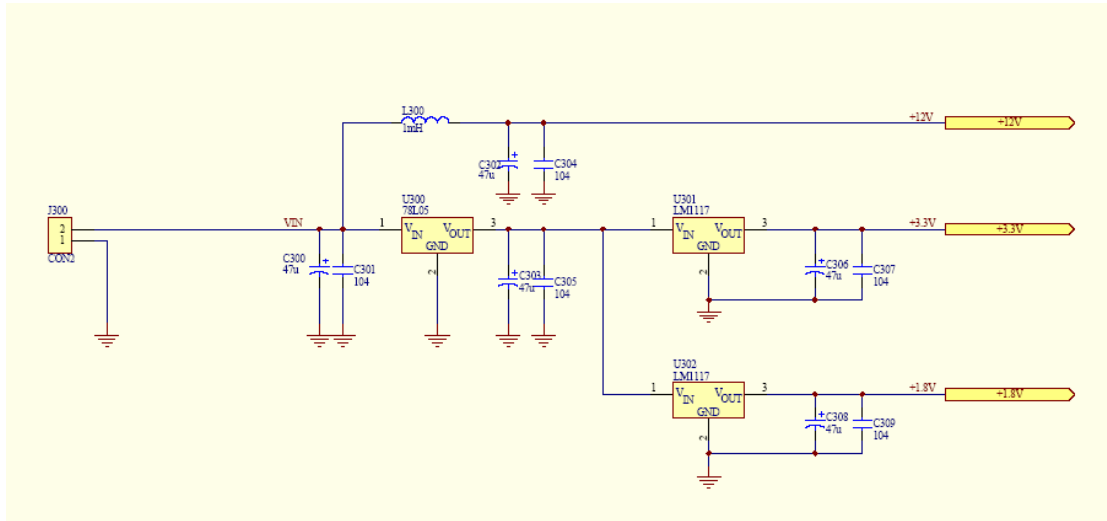


N-8C Operation Description

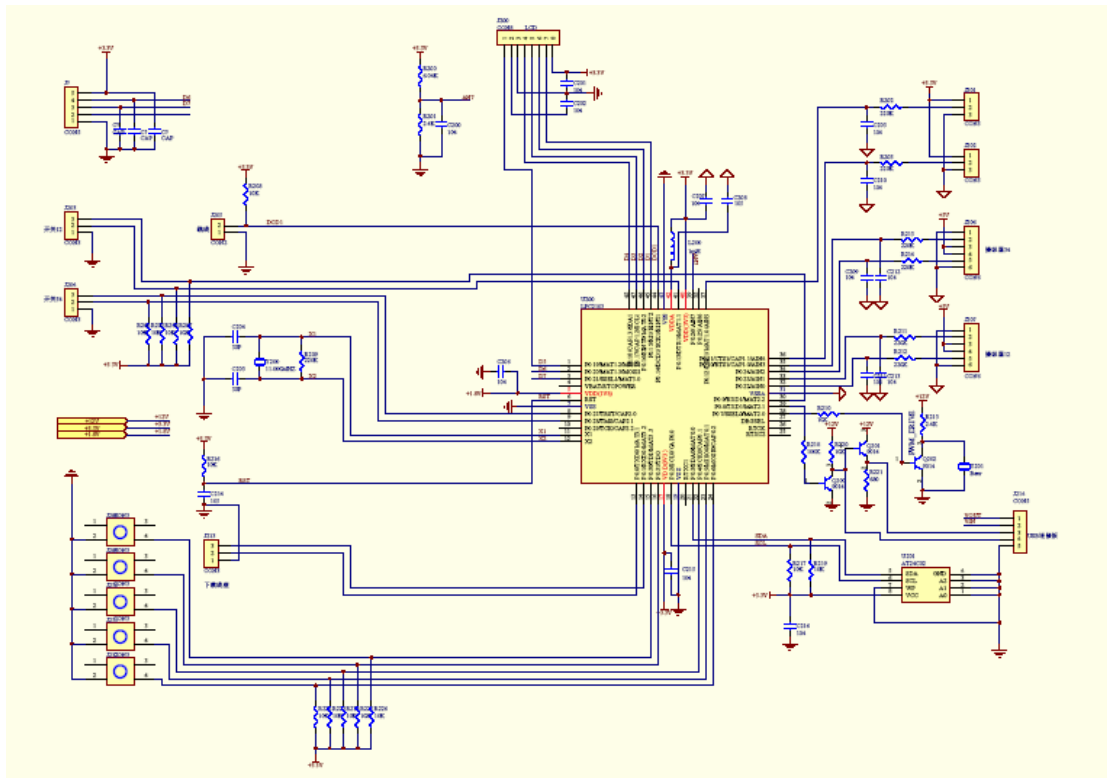
一. Controller:

1.Power Circuit as follows:



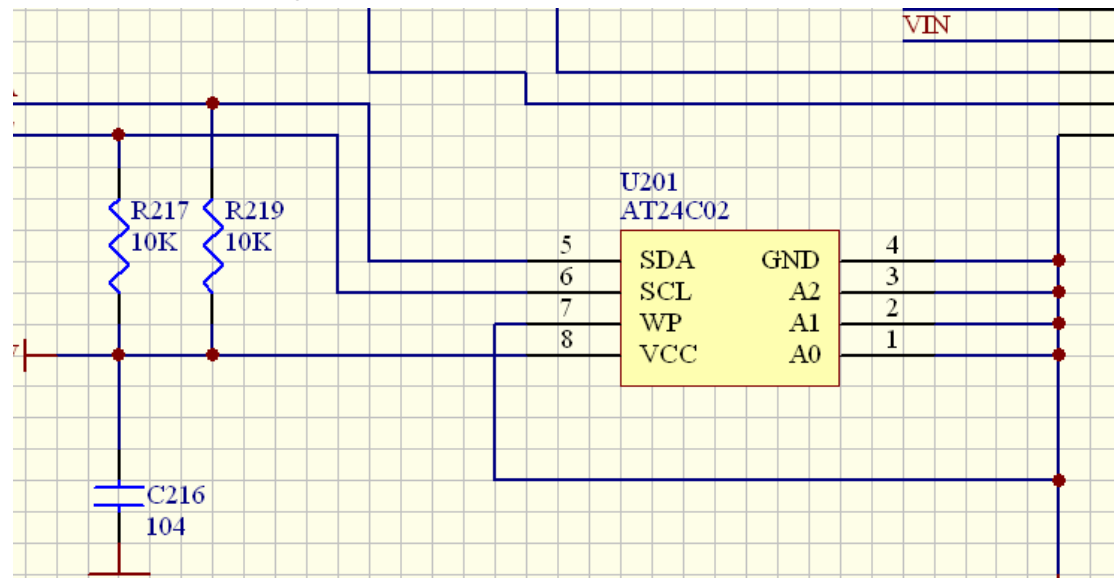
The external power is converted to 5V through U300, and then converted to 1.8V and 3.3V through U301/302. 1.8V is for the kernel of MCU and 3.3V is for IO of MCU.

2. Microprocessor as follows:



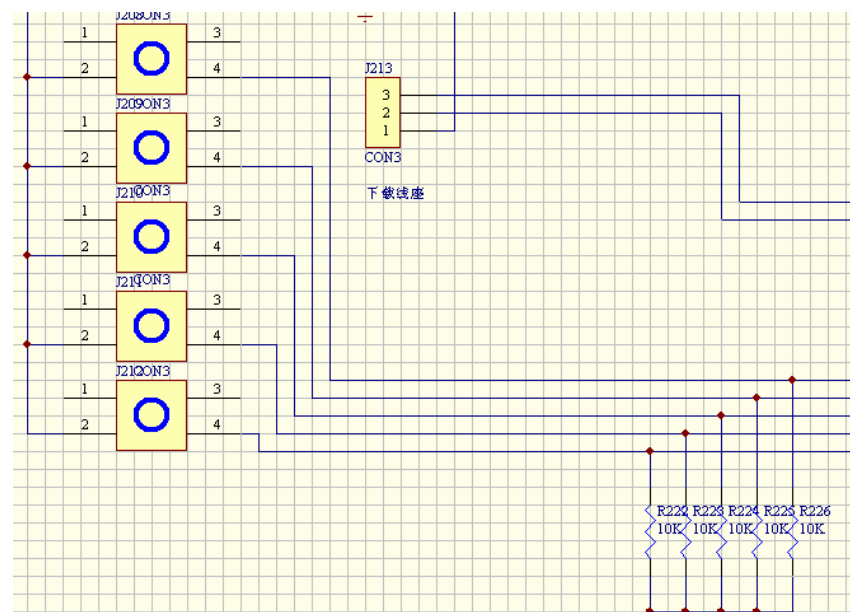
J201, J202, J206, J207 are the external potentiometer ports, and the RC connected with them is an L type low pass filter. The signal from the external potentiometer connects ADC of MCU through Low pass filter and then the AD sampling of external analog is realized. Q202 is the driving circuit of piezoelectric beeper

The phase of output signal and level adjustment consist of Q200 and Q201.



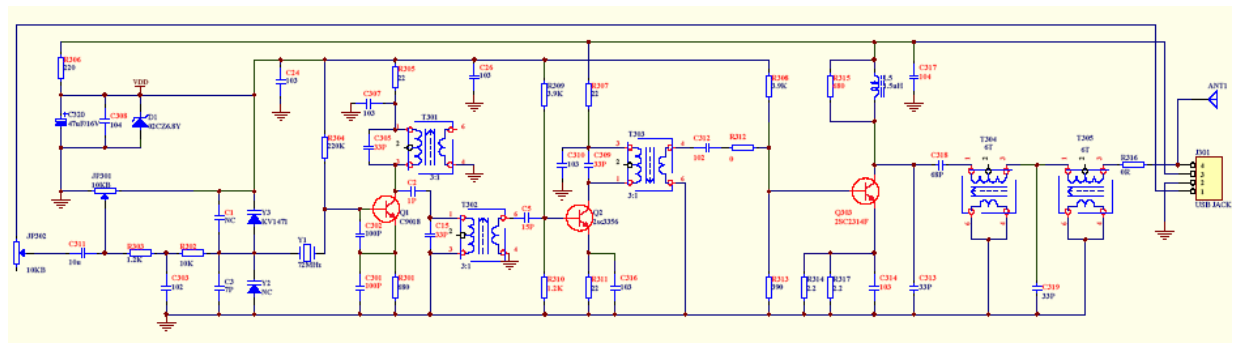
The expanded U201 is the expanded data chip of MCU. The data set by users are all saved in this chip through IIC bus.

External Keyboard:



The above is the users' keyboard circuit

二. Launching Module:



The signal from joy stick and through the LP filter R211, C213, R212, C211, R213, R214, C209, C212 to the IC U200. And IC U300 collects the signal to finish the AD converting. The data from U300 through Q200, Q201 to the RF module After coding the pulse, Then the signal through JP302, C311, R303, R302 to Y3 for FM modulation, signal been modulated through Q2 to spiriting, and driver Q3 to magnify the RF power, Then the modulated signal through C313, C318, C319, T304, T305 to transmitting antenna.