Operation description
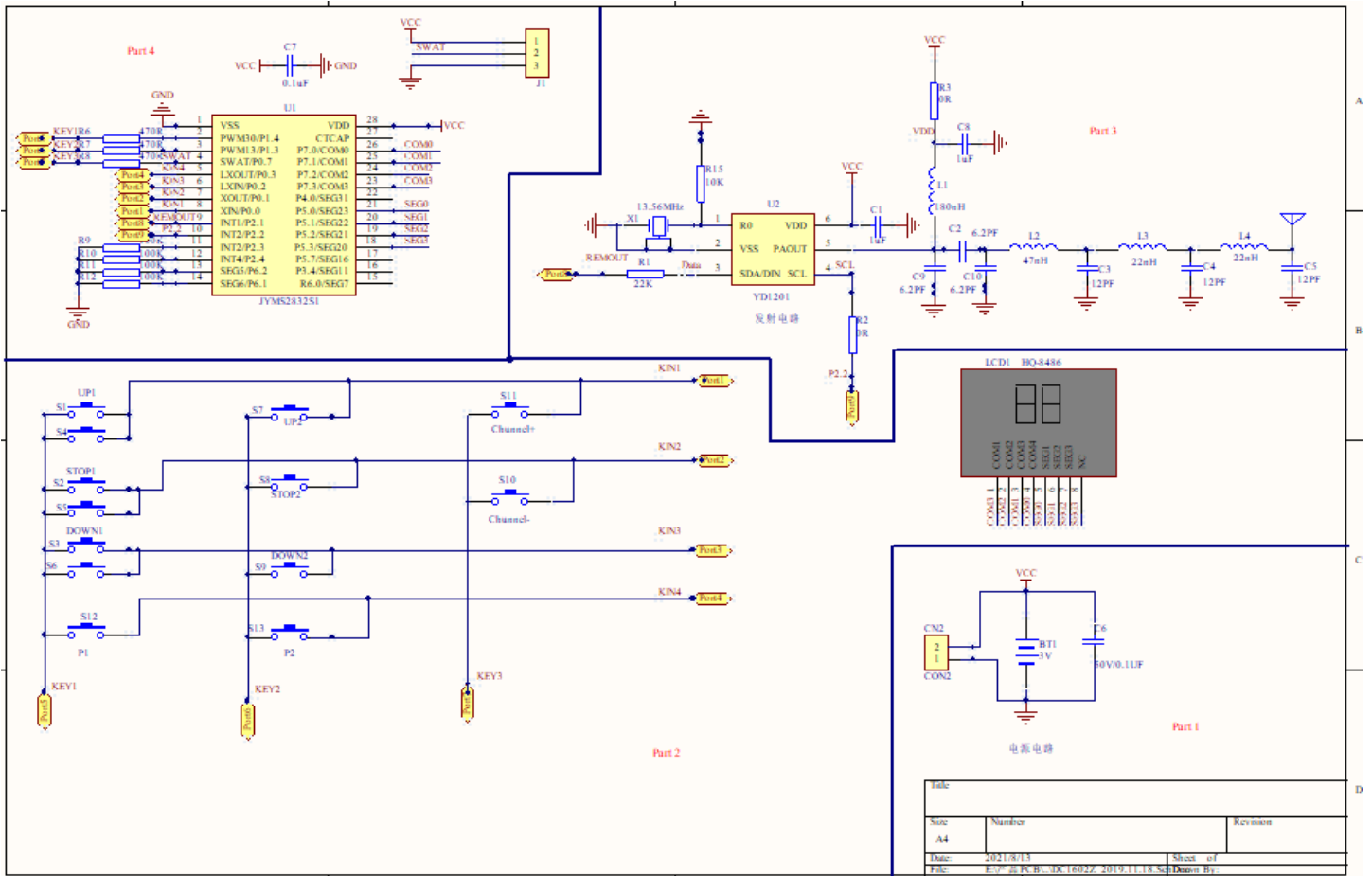

1.SCH

Part1： Input Voltage：3Vdc，Powered for MCU module and RF module;

Part2： Mechanical button,press the mechanical button to control MCU operation and wireless transmission；Display part，the LCD Displays corresponding functions after the button is pressed；

Part3： The MCU module control wireless transmission;

Part4： MCU part，control wireless transmitter，key scan and LCD，etc;

2.Data

1）Voltage : button cell 3.0V/550mA;

2）Antenna：onboard PCB antenna;

3）Modulation method：OOK;

4) wireless frequency：433.92MHz;

5) Bandwidth：＜25KHz;

6）Static current: 10uA;

7）Spurious emission: ≤-36dBm;

8）Antenna gain: -3dBi

Thedirection of radiation:90°

3.Priniciple

1）Mechanical button pressed, MCU work, wireless transmission data, LCD display corresponding functions