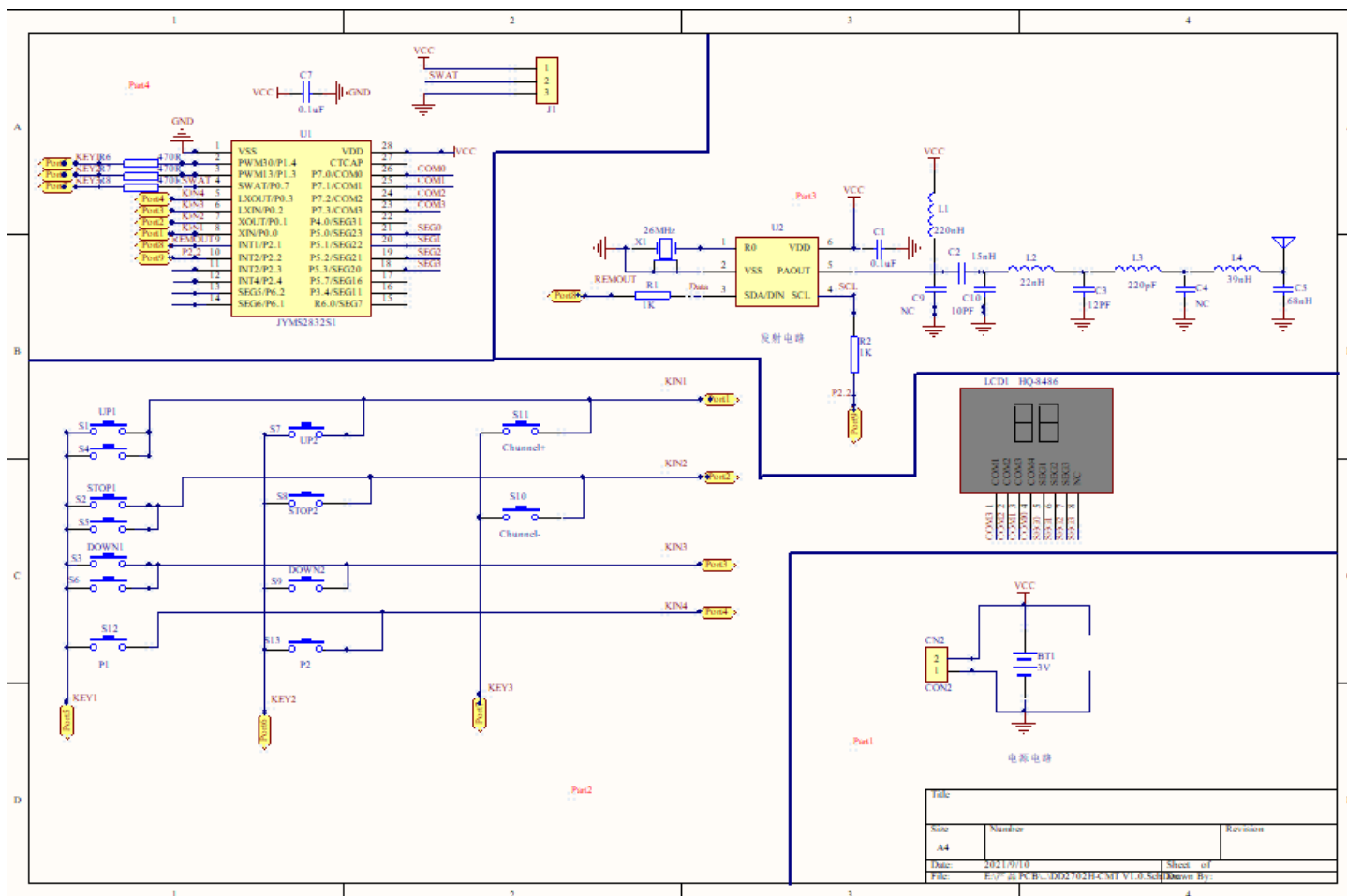




1.SCH

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 3V/550mA;
- 2) Antenna: PCB line;
- 3) Modulation method: OOK;
- 4) wireless frequency:433.92MHz;
- 5) Bandwidth: <25KHz;
- 6) Static current: 10uA;
- 7) Spurious emission: $\leq 36\text{dBm}$;
- 8) The transmitter is 40 meters from the room;

Antenna gain: - 3dBi

The direction of radiation: 90°

3.Principle

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