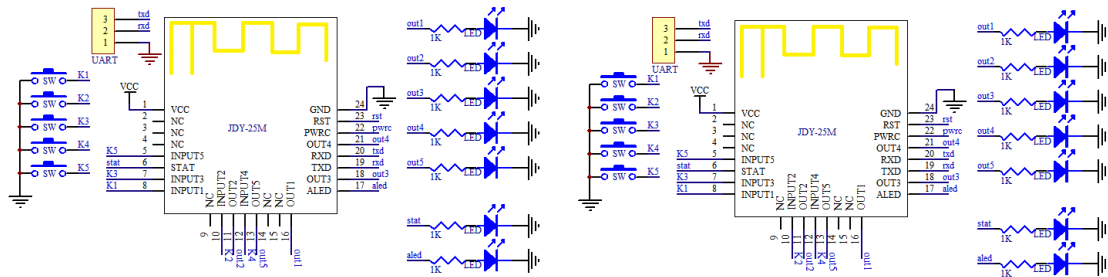**Application wiring diagram of switch panel**

Before the installation of the switch panel, it is necessary to configure the module network, and open the parameters such as **AT+SUBTYPE1** and **AT+LEARN1** to factory setting, and learn during installation. The above circuit diagram is the application circuit diagram of the switch panel. The above two devices support hundreds or thousands of circuit devices in the practical application.

Example: We control the level of LED2 and LED5 of B switch panel by SW1 of A switch panel. At this time, LED2 and LED5 of B switch panel need to learn the key of SW1.

Step 1: Make A switch panel enter the code sender mode, click the PWRC pin on A switch panel, and the LED light on a switch panel flashes slowly, indicating that the code sender mode has entered.

Step 2: Make B switch panel enter the learner mode, double-click the PWRC pin of the B switch panel, the ALED of the B switch panel is off, and the STAT pin flashes slowly, indicating that the learner mode has been entered. First, learn LED2 (press SW2 of B switch panel), at this time, LED2 light flashes (once a second), then press SW1 of A switch panel code sender, LED2 of B switch panel learns the value sent by SW1 of A switch panel, and LED2 of B switch panel will be on, which indicates that LED2 has learned successfully. Second, press SW5 of B switch panel, at this time, LED5 of B switch panel flashes, which indicates that LED5 learning begins. Then press SW1 of switch panel A, LED5 of switch panel will be on, which indicates that learning has been successful.

Step 3: A switch panel quit code sender mode, click PWRC pin, and LED of ALED pin flashes (once in 1 second), indicating that the code sender mode has quit and normal working mode has been entered.

Step 4: B switch panel quit learner mode, double-click PWRC pin, and LED of ALED pin flashes (once in 1 second), indicating that the learner mode has quit and normal working mode has been entered.

Step 5: At this time, SW1 of A switch panel can control the level of LED2 and LED5 of B switch panel.

Clear learning code, press PWRC pin for more than 6 seconds, and all learning codes will be cleared automatically.

The above is the configuration of the switch panel by learning mode. If using APP or serial port to configure, it will be very simple to use.

If the user configures the above functions through the serial port, only several instructions are needed.

A switch panel address is 0008, B switch panel address is 0009

1、AT+LEARN1

2、AT+SUBTYPE1

3、AT+LEAVAL2,1,0008

4、AT+LEAVAL5,1,0008