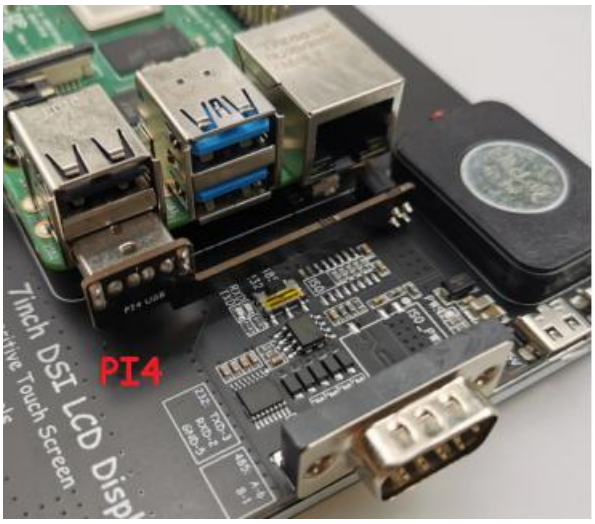
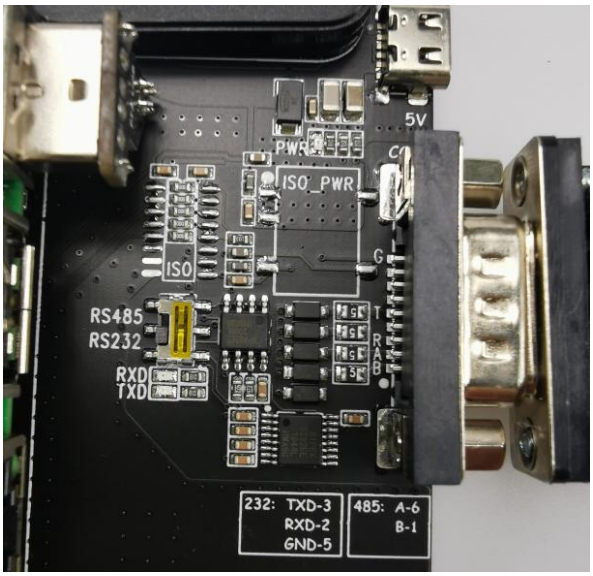
How to use the RS232/485 interface of the 7” display

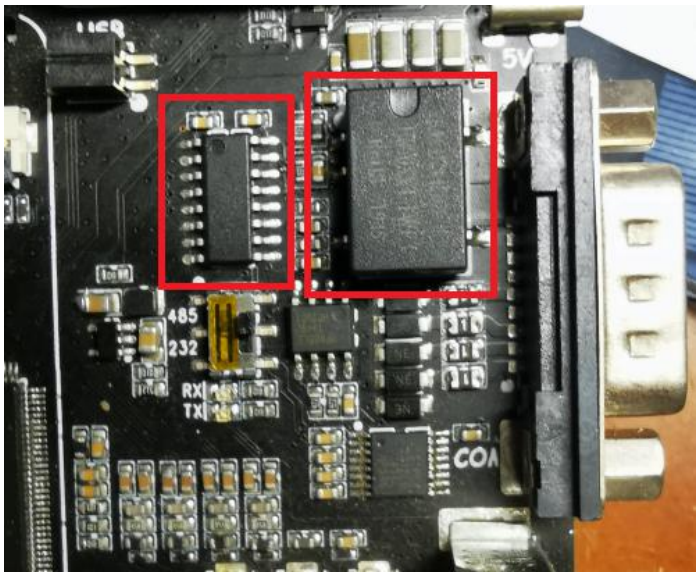
If the Raspberry Pi is not connected to other USB serial ports, the serial port name is ttyUSB0

1. Connect the USB adapter board to PI4 or PI1/2/3

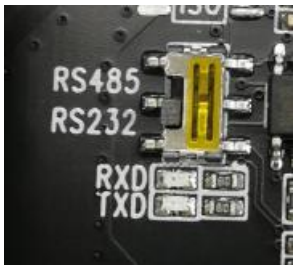


2. If want to use isolated power supply and isolated chip, you can weld as shown in the figure below(π142U31，B0505XT)





3. Use the code switch to select the RS232/RS485 function



4. Connect peripherals to the corresponding signal pins of DB9

5. Example: Use RS485 and modbus protocol to connect FX3U logic controller