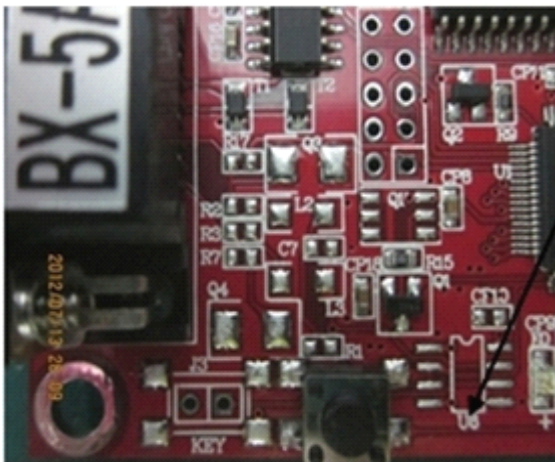


# BX serials 5<sup>th</sup> generation products

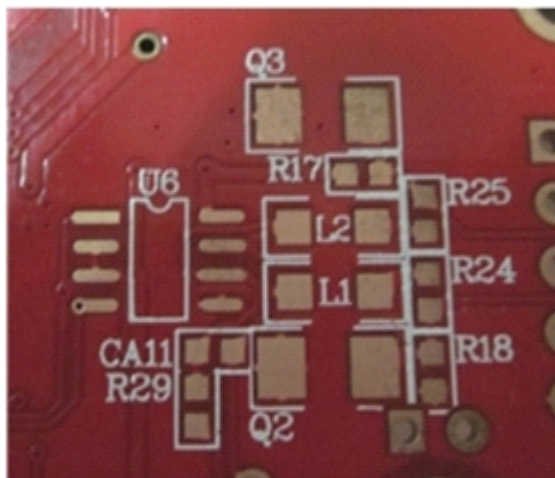
## RS485 welding manual

### Step 1: The welding method of 5A0/5A1/5A2--RS485:



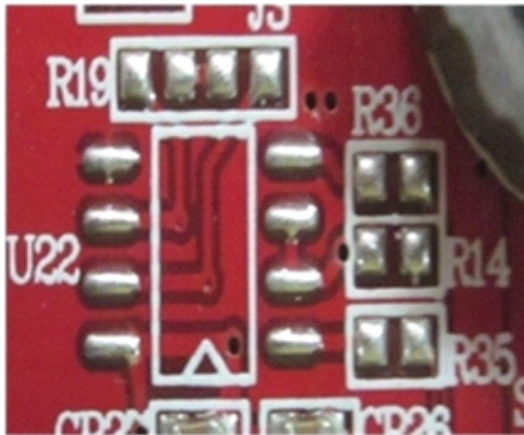
1. U6 welded with RS485 chip;
2. L2、L3 welded with 10uH inductance;
3. R2、R3 welded with 20 ohm electric resistance;
4. R17、R7 welded with 4.7K electric resistance;
5. C7 welded with 102 electric capacity;
6. Q3、Q4 welded with bidirectional diode.

### Step 2: The welding methods of 5A3/5A4/5M3/5M4--RS485:

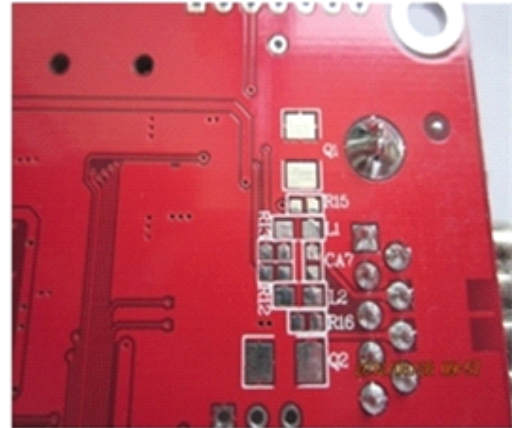


1. U6 welded with RS485 chip;
2. L1、L2 welded with 10uH inductance;
3. R25、R24 welded with 20 ohm electric resistance;
4. R17、R7 welded with 4.7K electric resistance;
5. C7 welded with 102 electric capacity;
6. Q2、Q3 welded with bidirectional diode.

### Step 3: The welding methods of BX-5E2/5E3--RS485:



(Picture 1: Front side)



(Picture 2: Back side)

1. U22 welded with RS485 chip(Note: RS485 direction, remarks down)
2. R35、 R36 welded with 0 ohm electric resistance (Meanwhile, delete R20、 R34 electric resistance which is beside the RS232 chip, or remove R20 、 R34 electric resistance to R35、 R36)
3. R14、 R15、 R16 welded with 4.7K electric resistance;
4. CA7 welded with 102 electric capacity;
5. R12、 R13 welded 20 ohm electric resistance;
6. Q1、 Q2 welded with bidirectional diode.

**Shanghai Onbon Software Technology Co.,Ltd**

**28<sup>th</sup> Aug,2012**