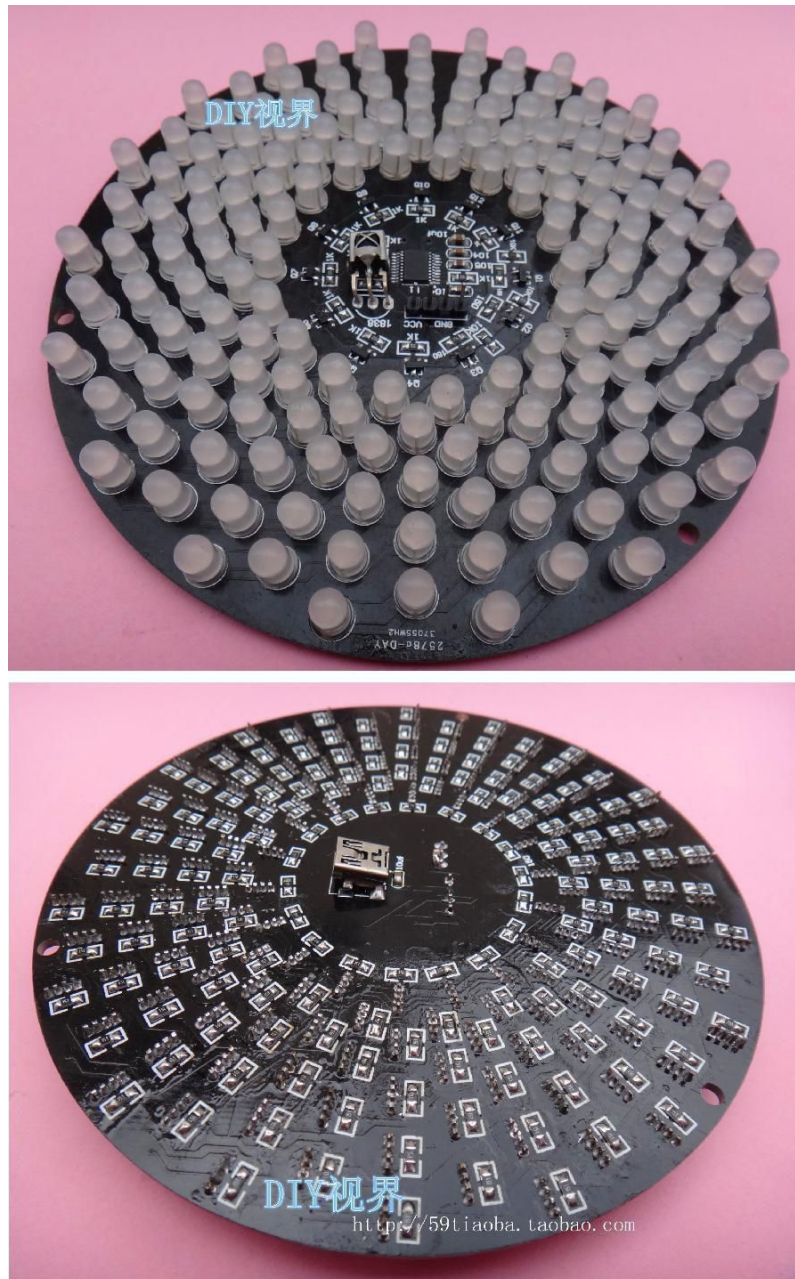


Aurora Production notes

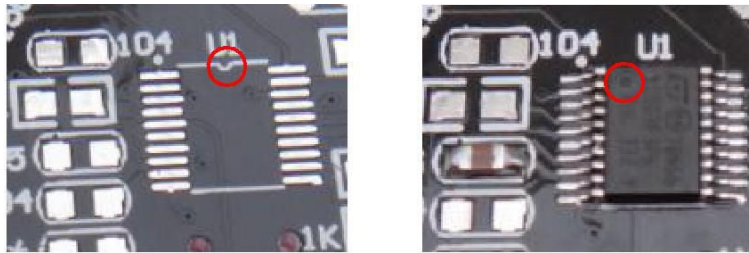
After welding:



Special Note:

- 1, Recommendations from the inside to outside when welding
2. After welding the infrared receiver, weld a 10uf capacitance at VCC and GND, in order to ensure the stability of the aurora.
- 3, it is recommended use not bad solder tools, look at the diagram before welding, help to understand the principles of learning production!

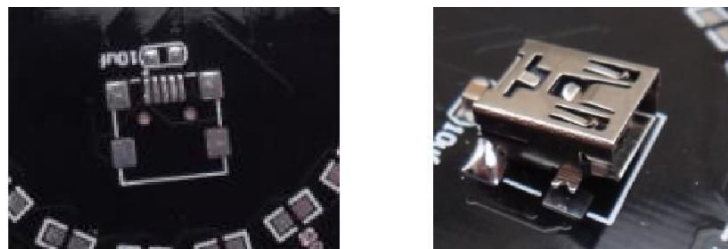
1, Chip: soldered in a circuit board at numeral U1, pits chip face to the U port on the board, as shown:



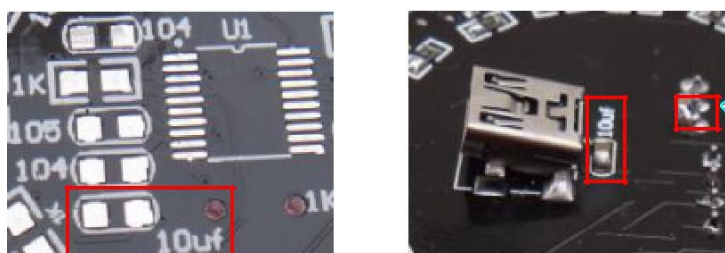
2, 1uf Capacitance: soldered in a circuit board marked 105, regardless of when welding positive and negative, as shown below the red area:



3, mini-USB port: soldered at the back of the circuit board, welding tilted slightly upward at the USB port, so USB cable is easy to insert:



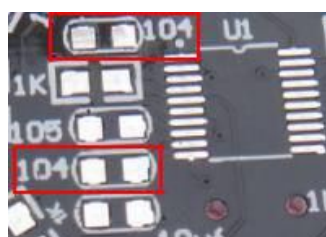
4, 10uf Capacitance: soldered in a circuit board marked 10uf, as shown below:



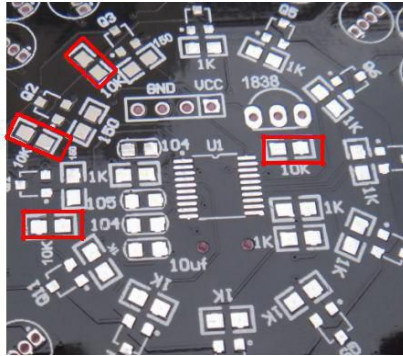
Before welding this step, you'd better welding integrated receiver first. Use 10uf capacitor

connected with this two feet.

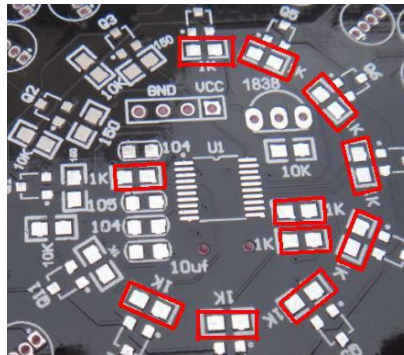
5, 104 Capacitance: soldered in a circuit board numeral 104, regardless of the positive and negative, as shown below the red area:



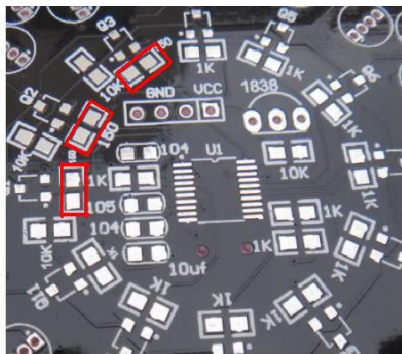
6, 10K resistance: soldered in a circuit board numeral 10K, regardless of positive and negative, as shown below:



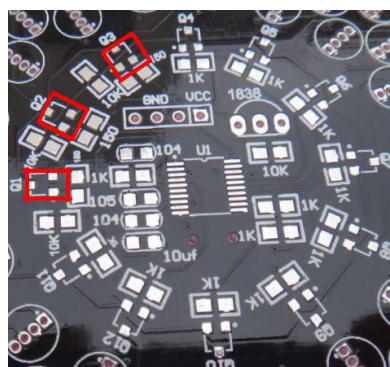
7, 1K Resistance: soldered in a circuit board numeral 1K, regardless of when welding positive and negative, as shown below:



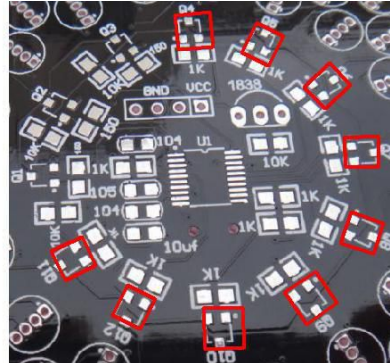
8, 150 Resistance: soldered in a circuit board numeral 150,, see below the red area:



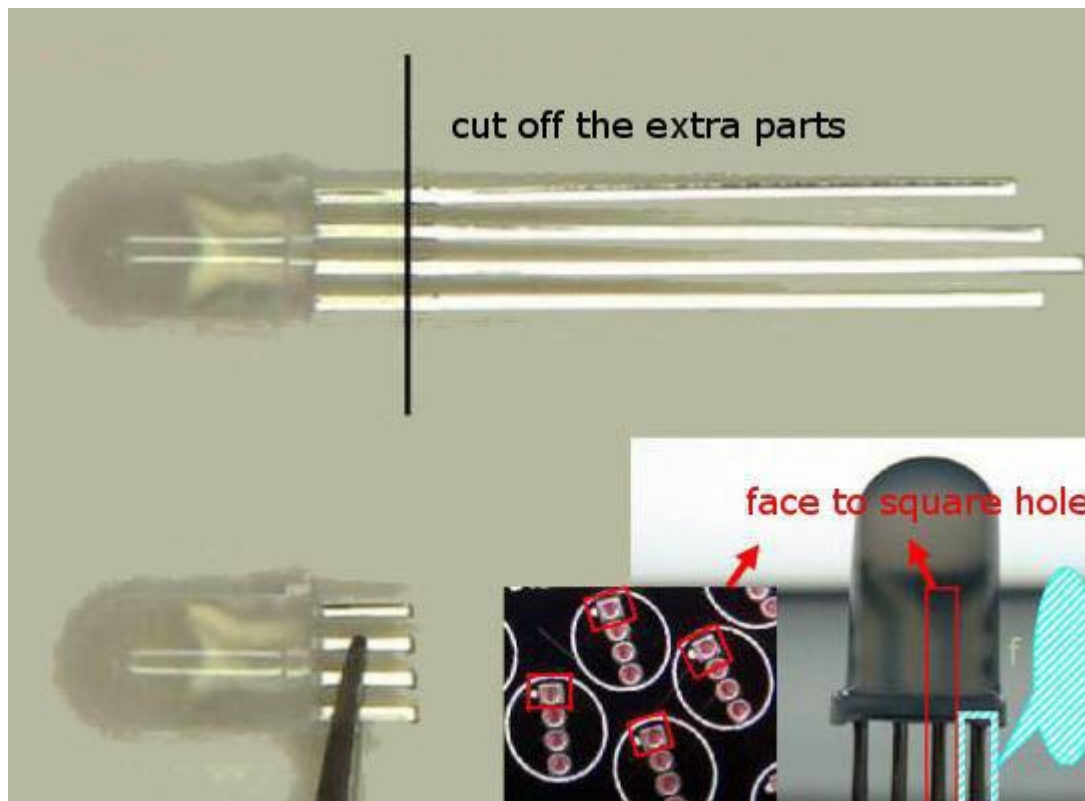
9, AO3401 MOS tube: soldered in a circuit board labeled Q1, Q2, Q3 at the red area shown below:



10, 8050 transistor: soldered in a circuit board labeled Q4-Q12 at the red area shown below:



11, RGB light-emitting diodes: Note the positive and negative, as shown below the red area:



12, Infrared receiver: soldered in a circuit board numeral 1838, as shown:

