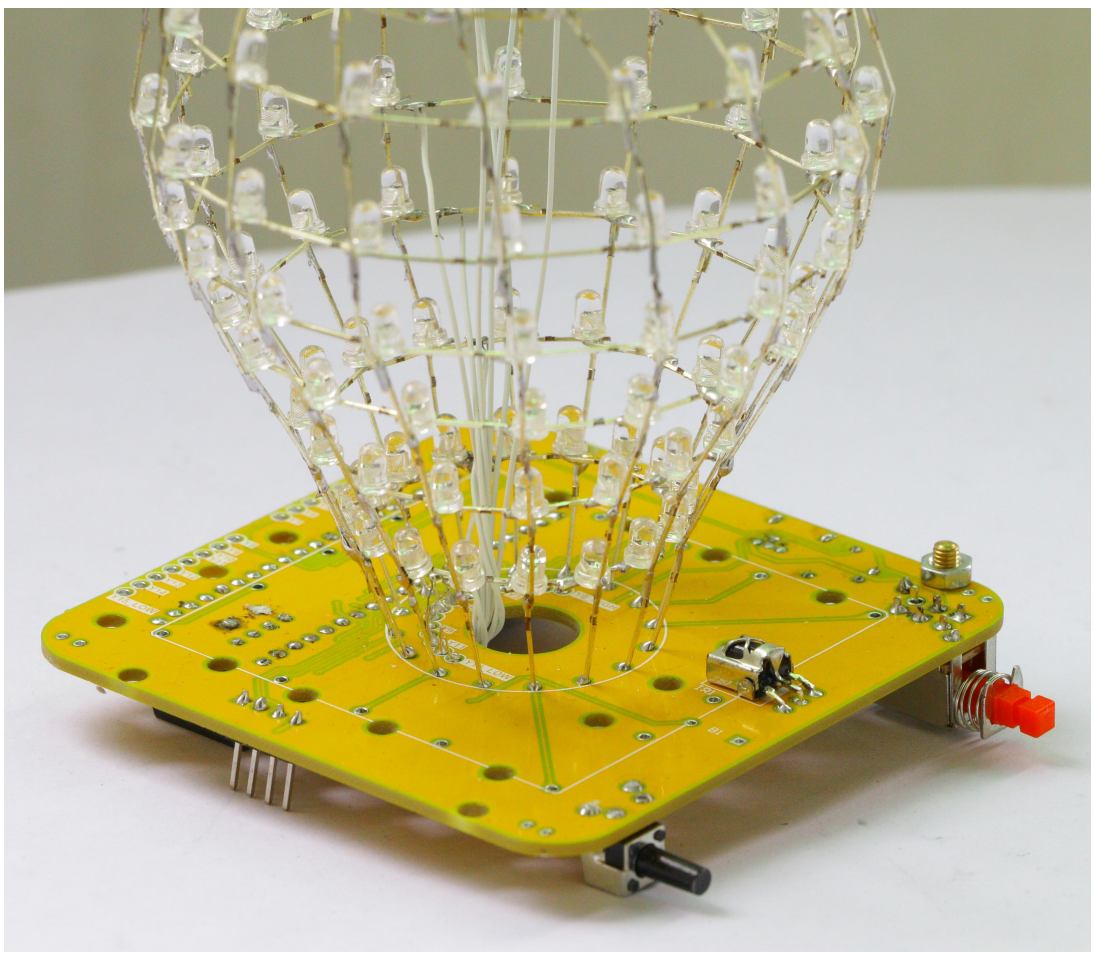
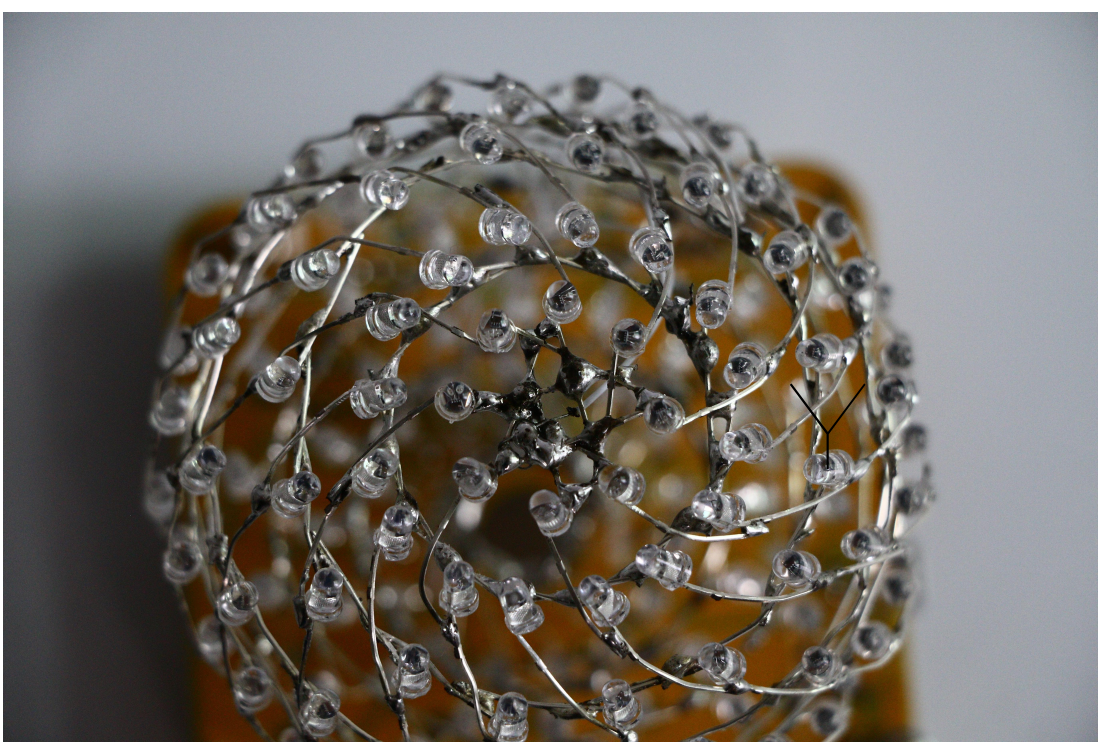
# DIY effects display, you can DIY other shapes

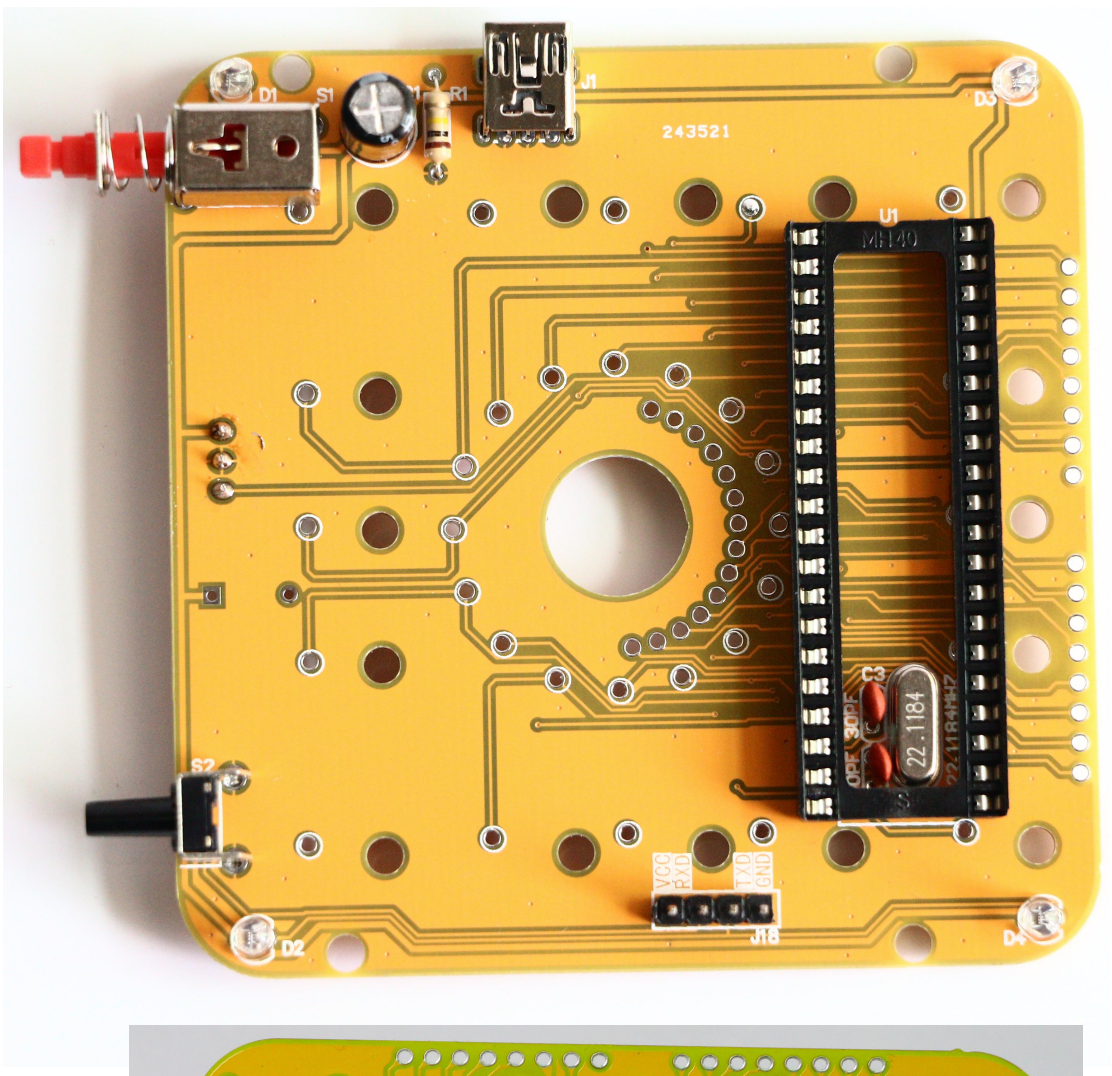
8-layer lamp undistort the soldering effect

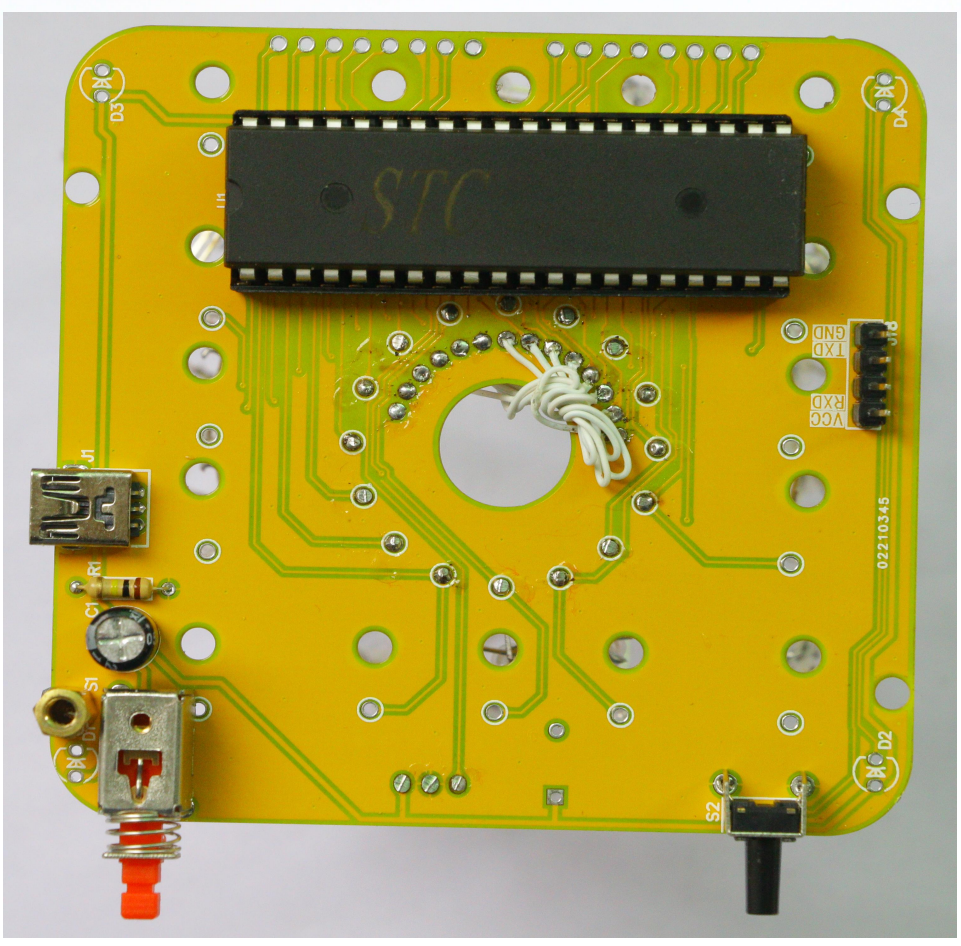


10-layer lamp distortion soldering effect

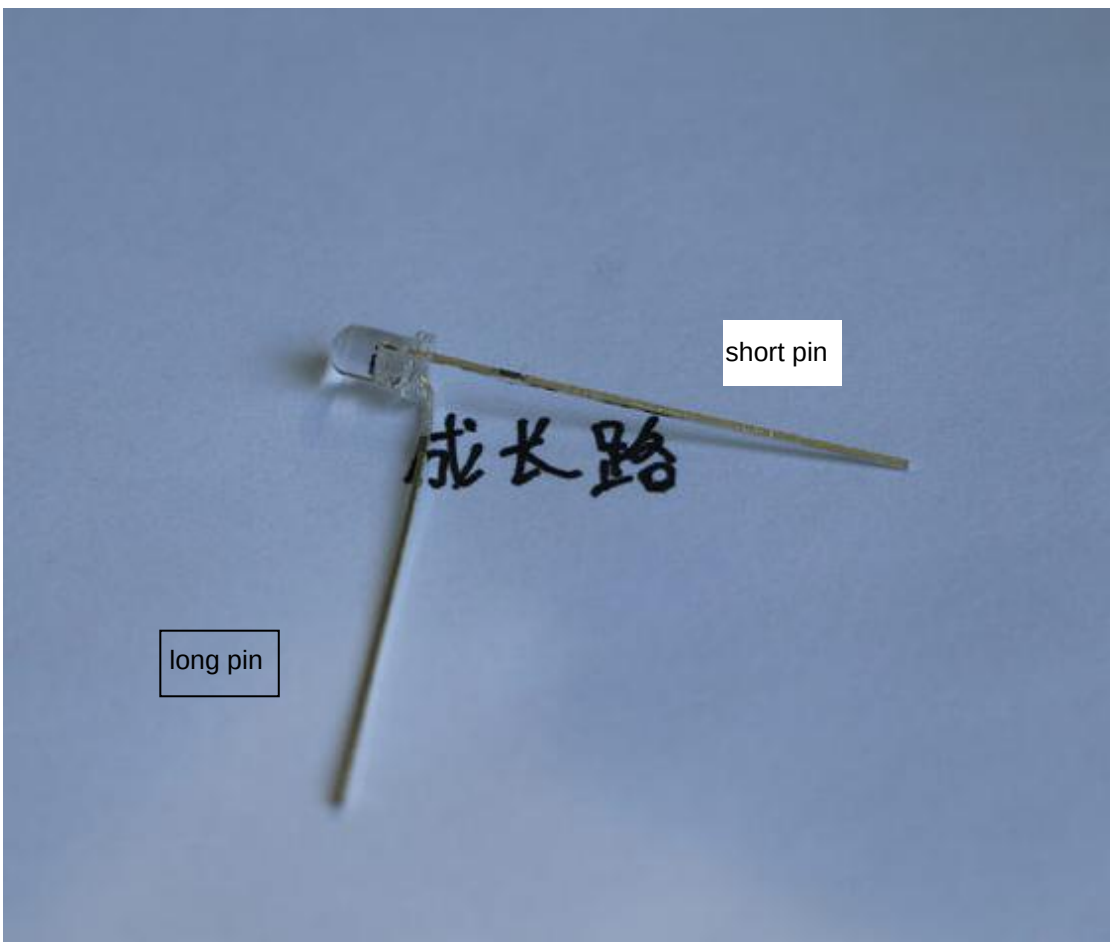


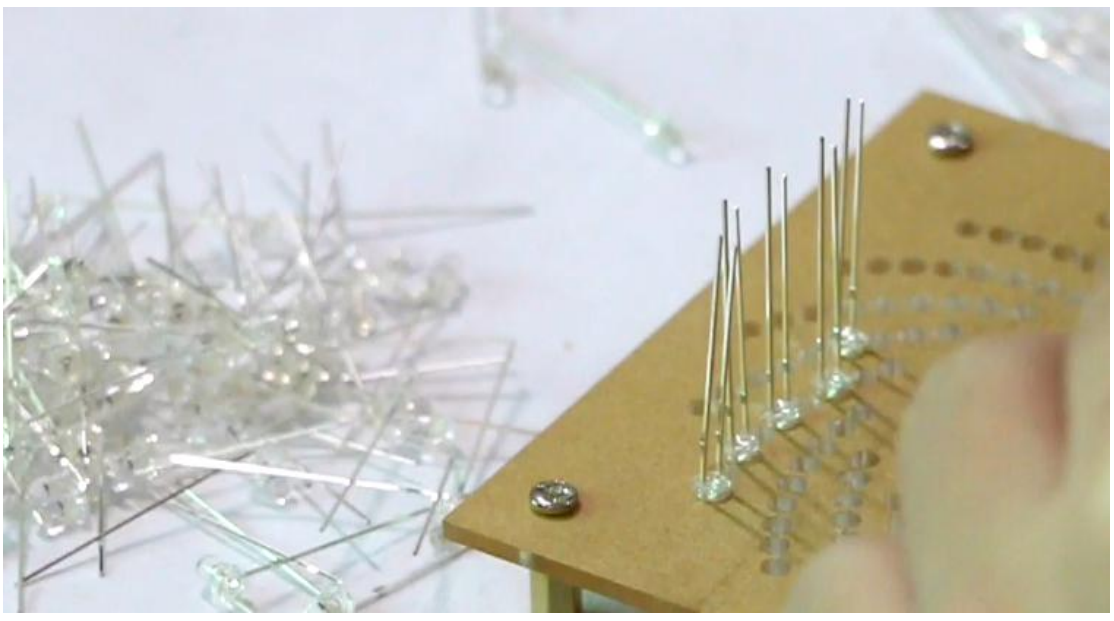
baseboard



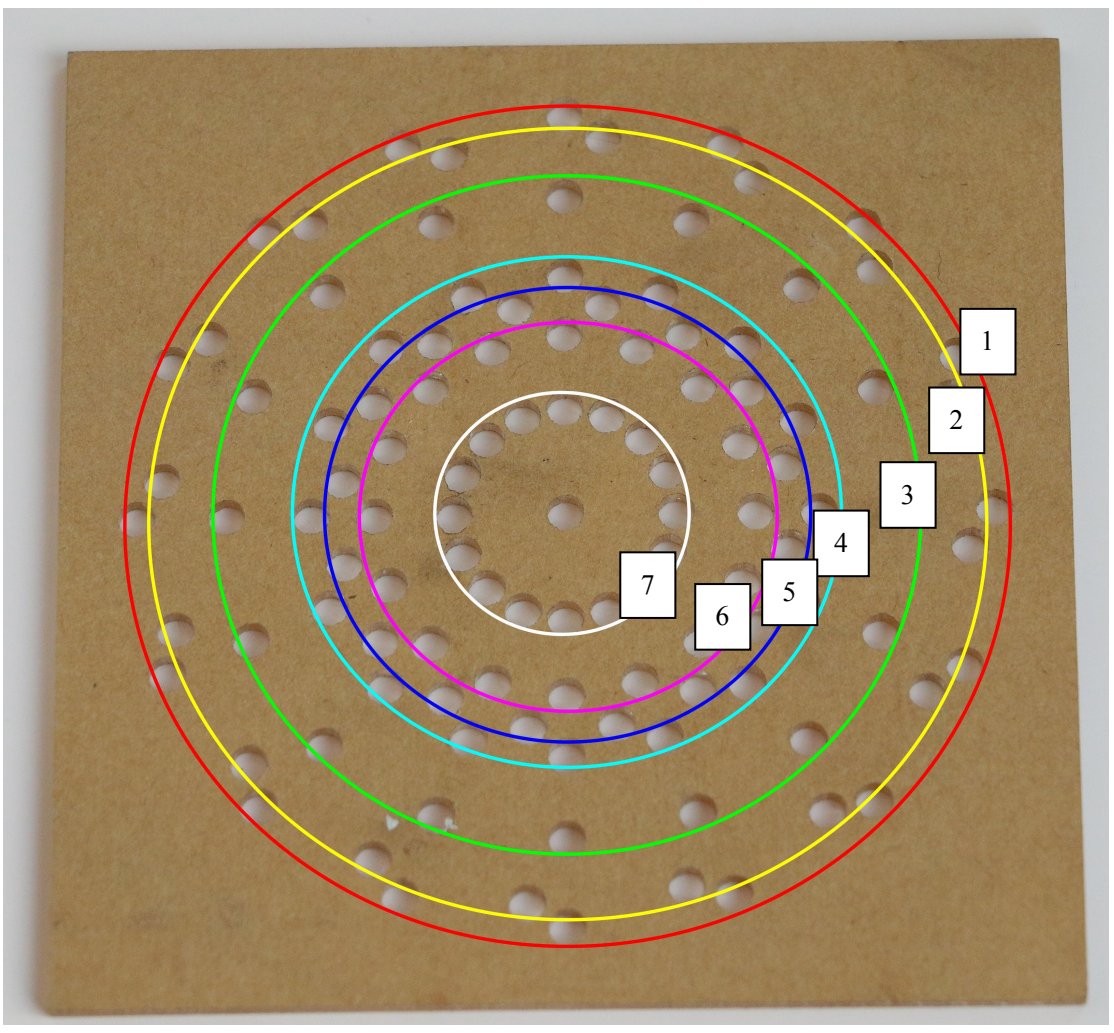



LED:
layer: common anode (Y0-Y13), vertical common cathode (X0-X15)
Y0 connect high layer, Y13 connect bottom layer

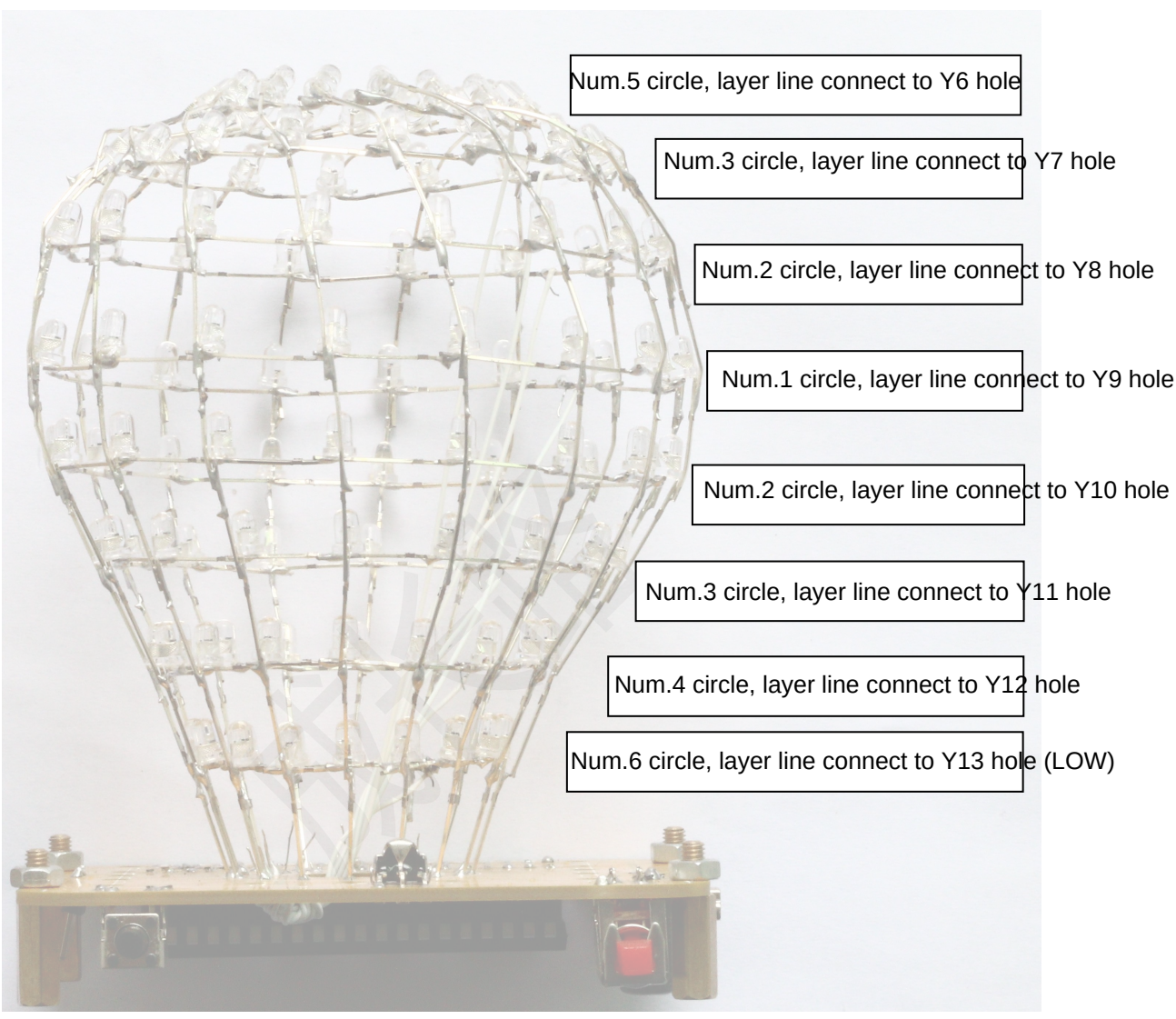


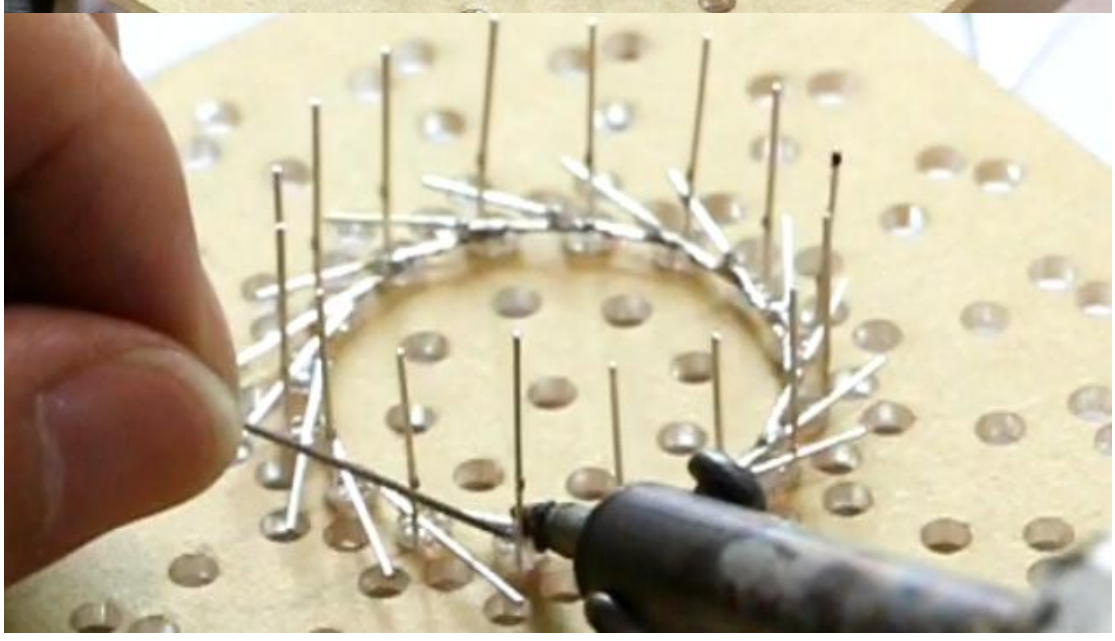
Solering template: for better soldering of the bulb portion of the lamp, as shown in the figure below,
a total of 7 laps, which are numbered 1, 2, 3, 4, 5, 6, 7 by the extrovert, and the smallest lap can be dissoldered



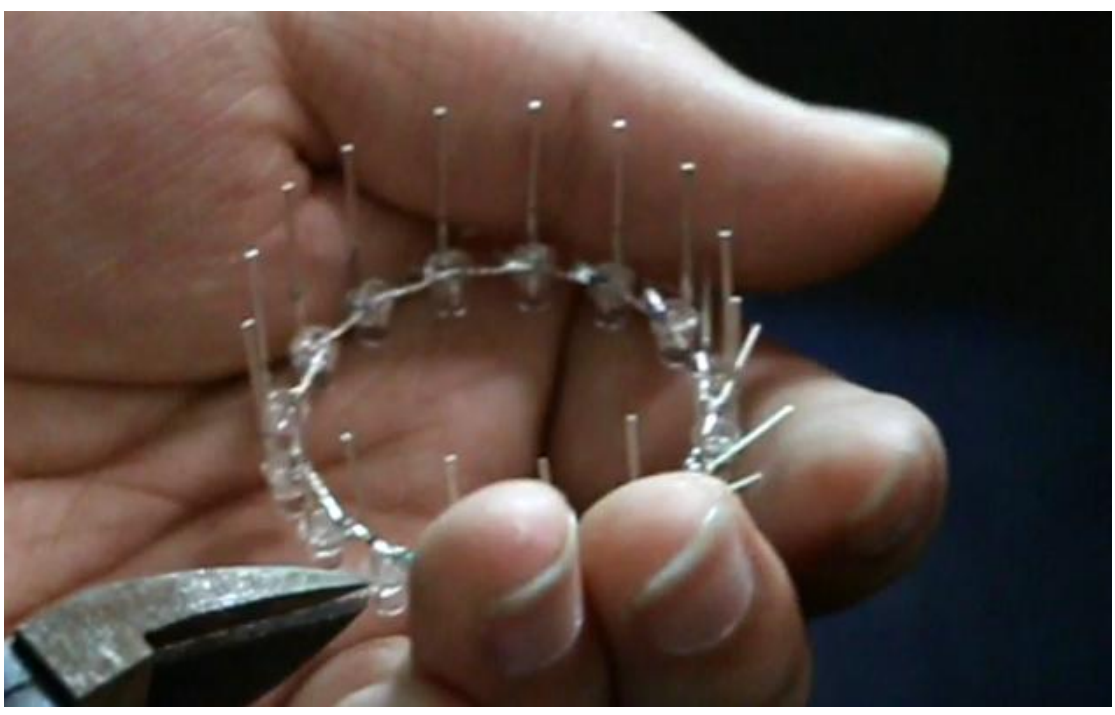

Soldering lamp circle, notice that the order of the lamp circle can't go wrong. As shown in the figure above,
the outer circle is started from 1-7, respectively the corresponding to the ball from the bottom up number:



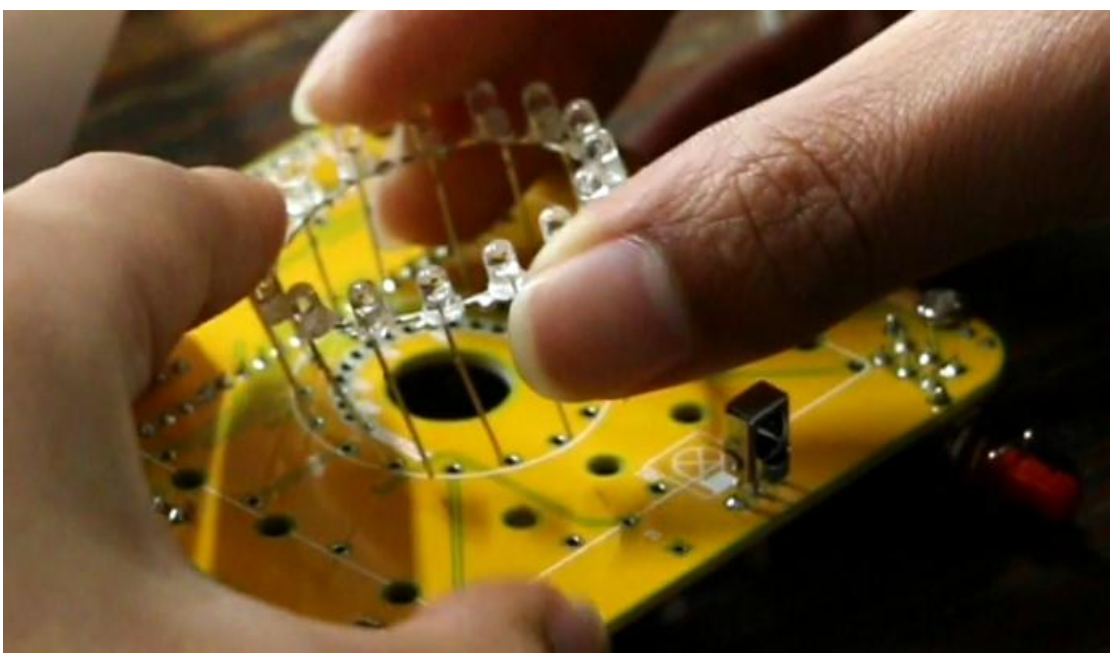
Soldering template Lap layer: Put the bending pin of the LED into a dedicated production template, surrounded by a circle and tin fixed

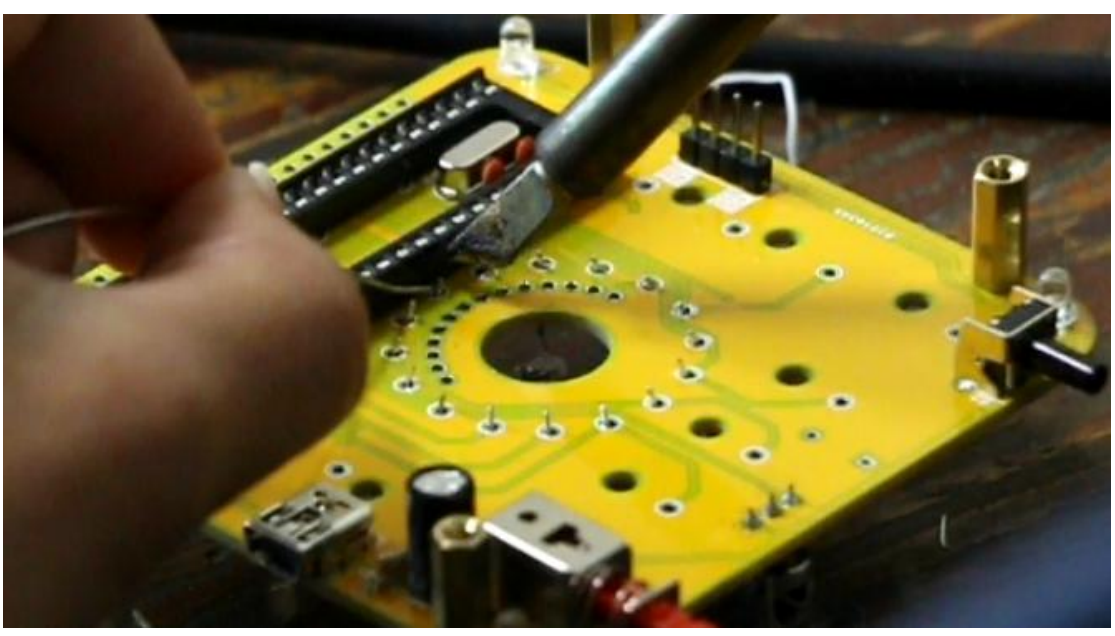


Cut off excess pins



Lap Floor: After solder all the layers, solder the first layer to the  baseplate

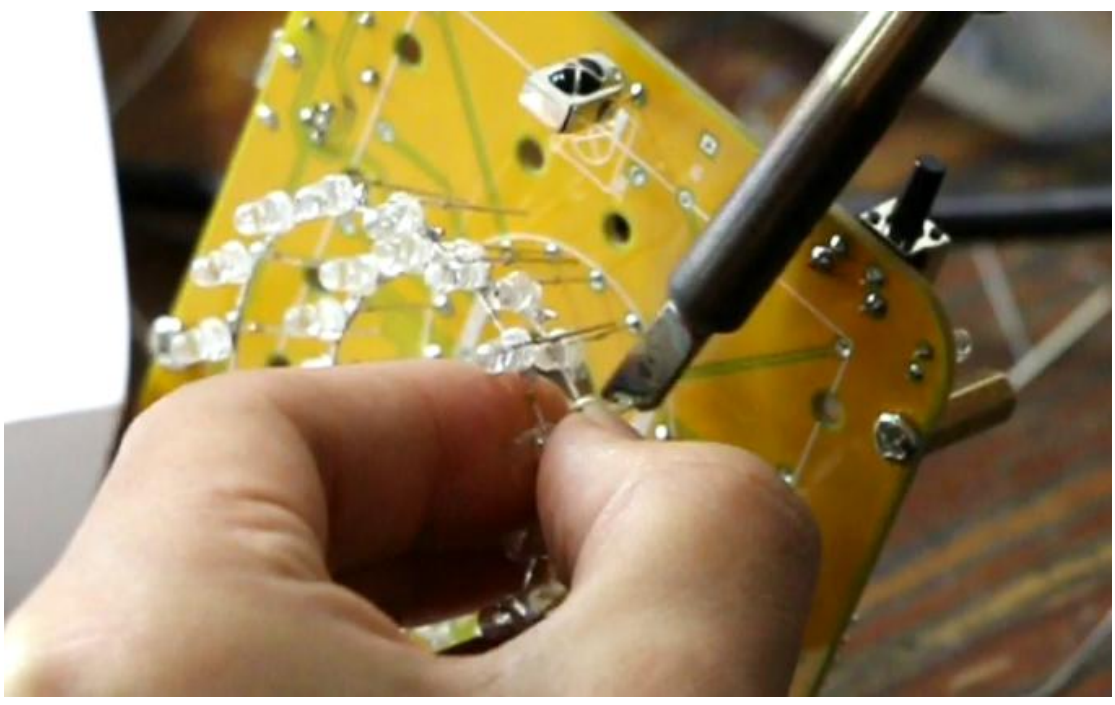




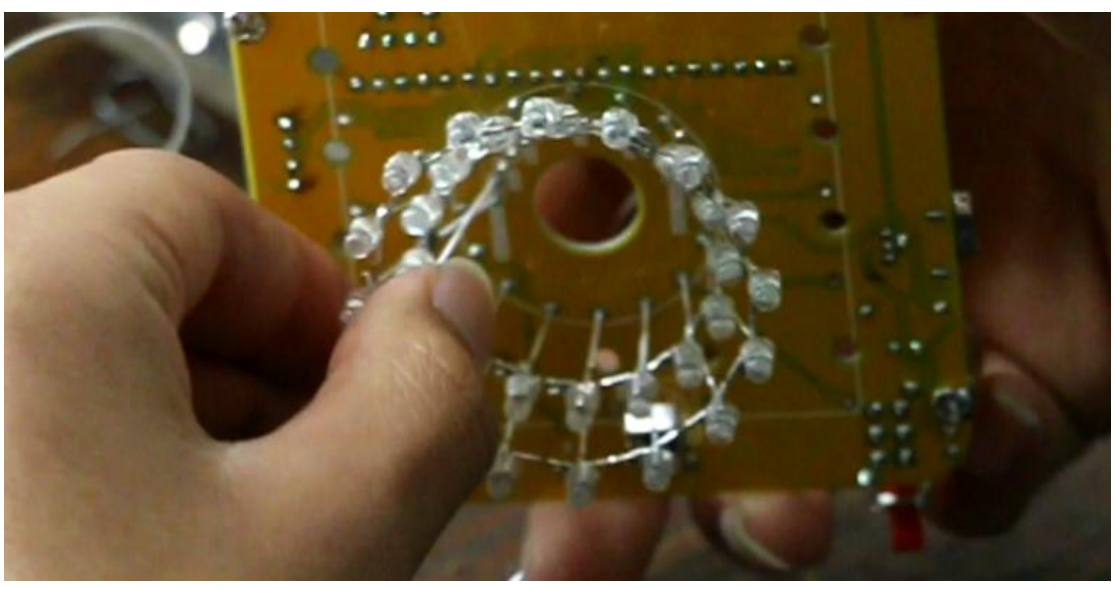
After soldering, but also to connect the layer line to the Y13 hole, after lap each layer can be energized test, check whether is reverse

Lap the second floor

And then the second lap in the first layer above, first with soldering a feet to fixed

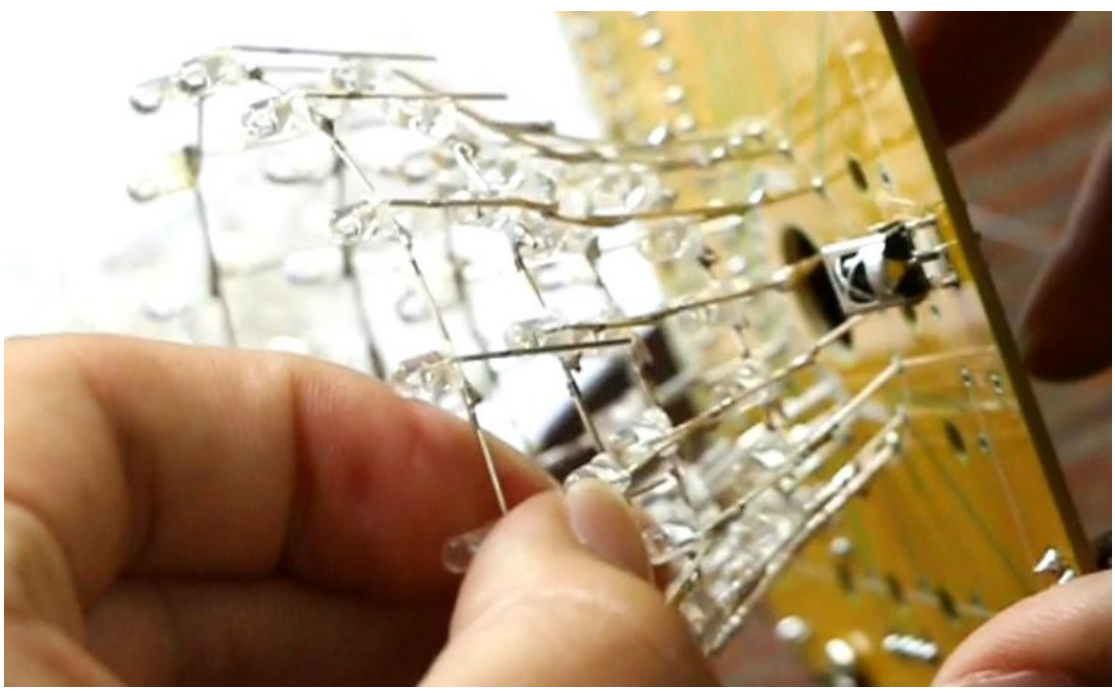


After adjust the lap location and then continue to fix the other pins, and then lap the second layer of the layer line, connected to the Y12 above

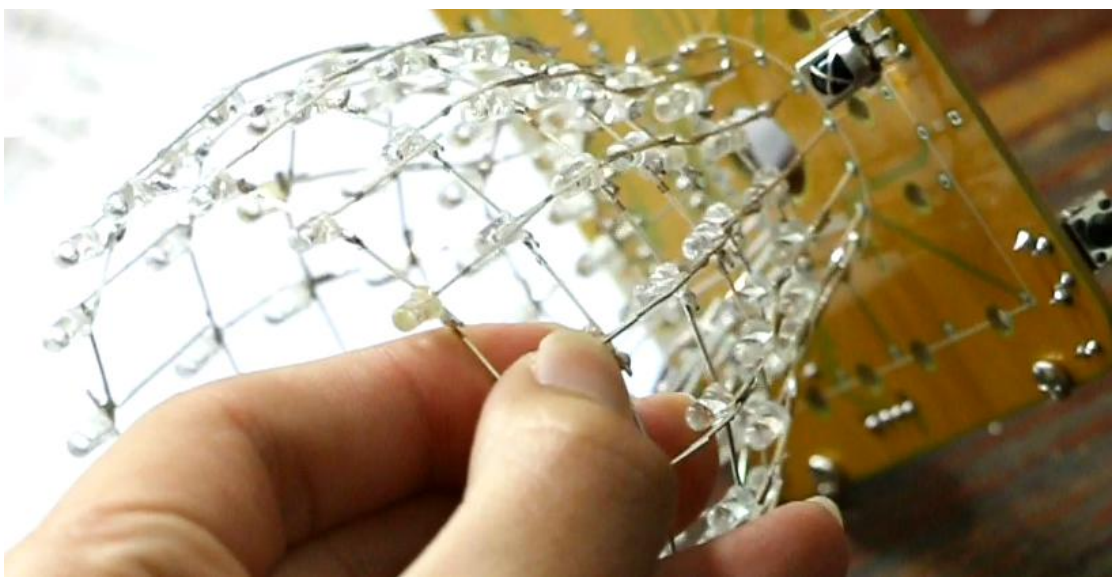


The same way to soler the third layer

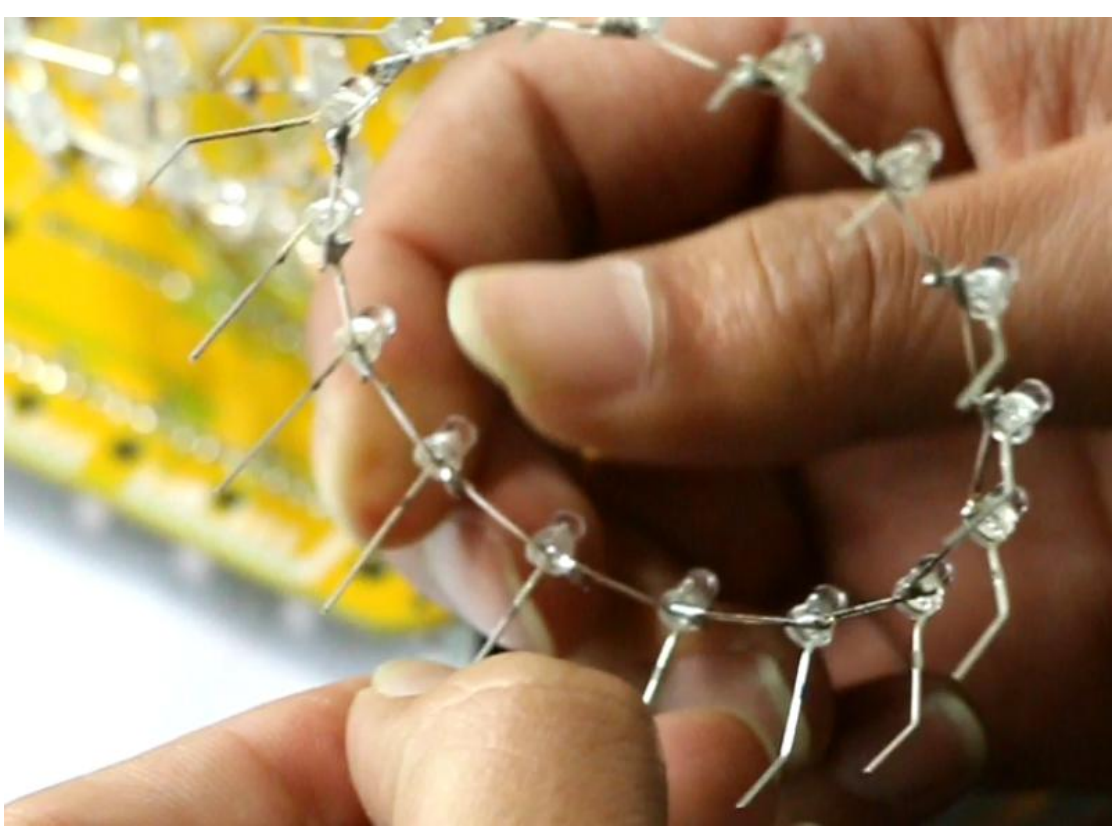
The same way to solder the fourth floor



The same way to weld the fifth floor



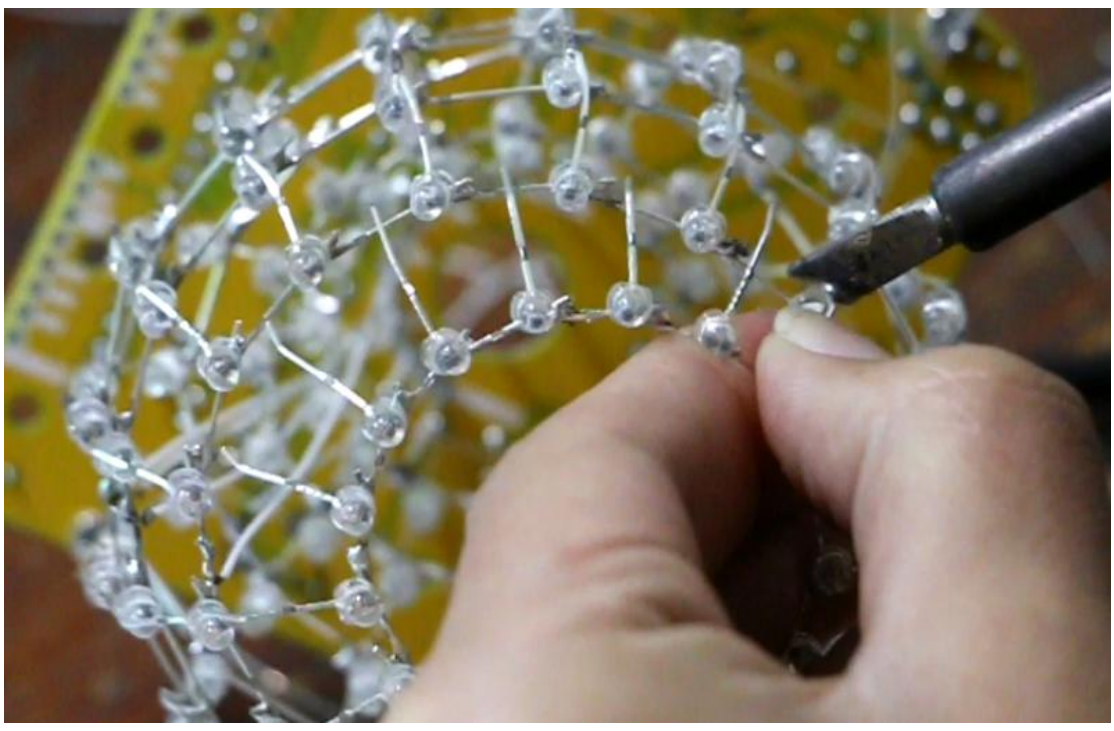
The sixth layer: Note that the pin needs to fold, as shown



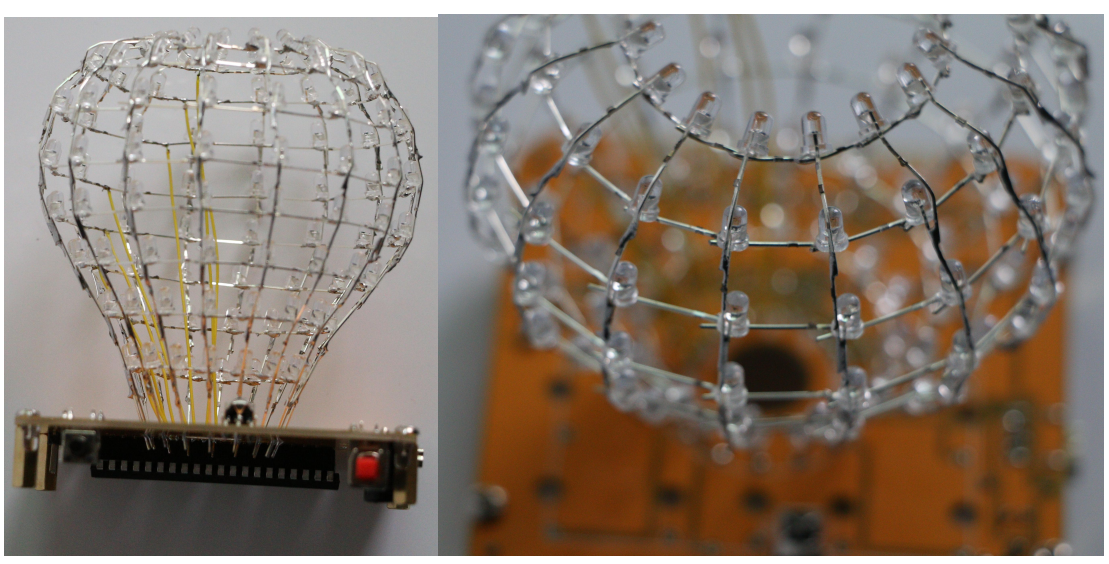
The seventh and sixth layers are the same

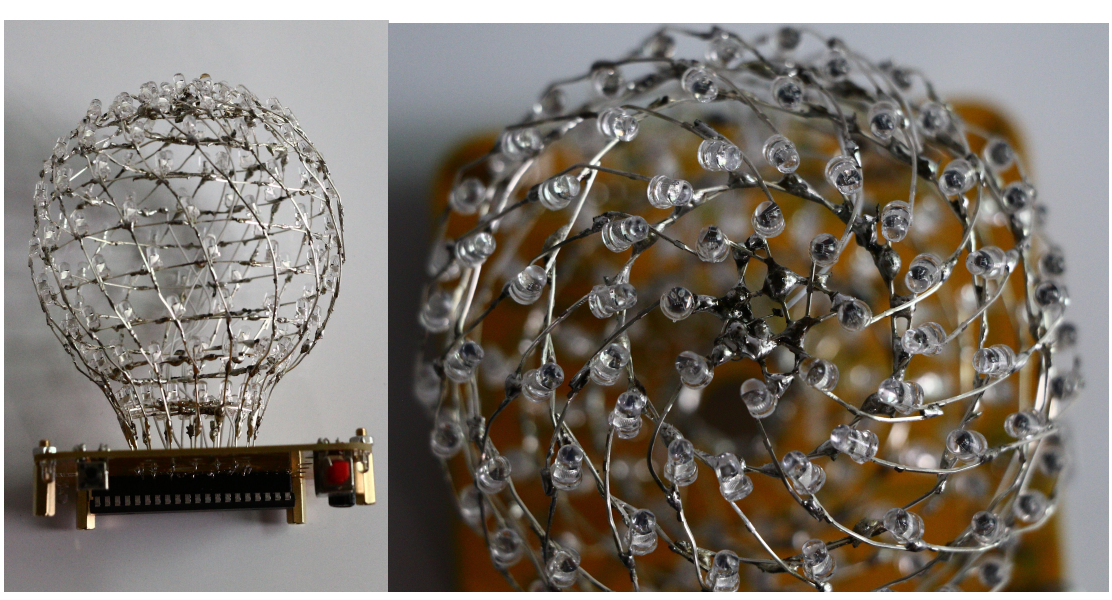
The eighth floor is the same

Fixed



Finish





Test and check.