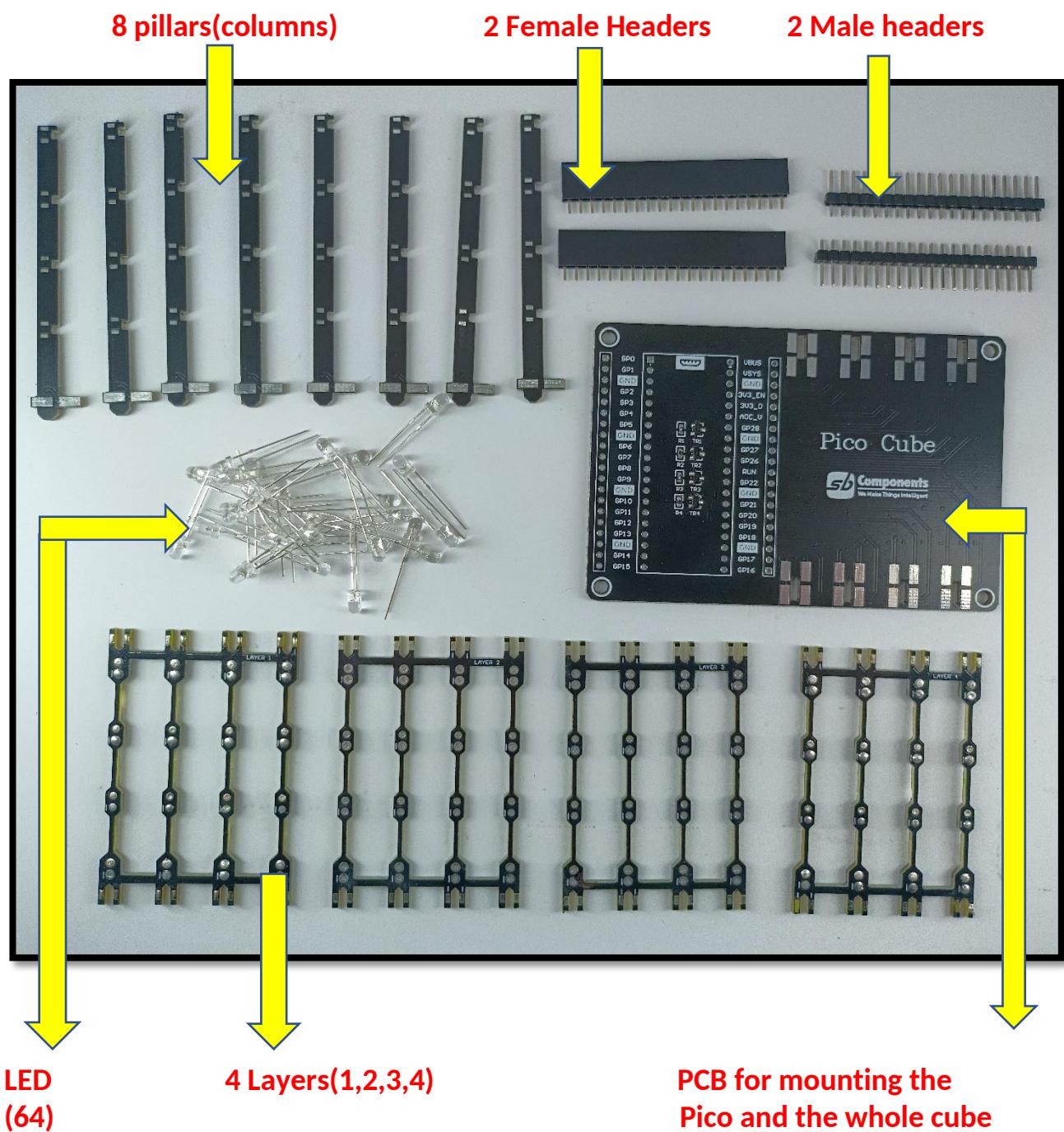


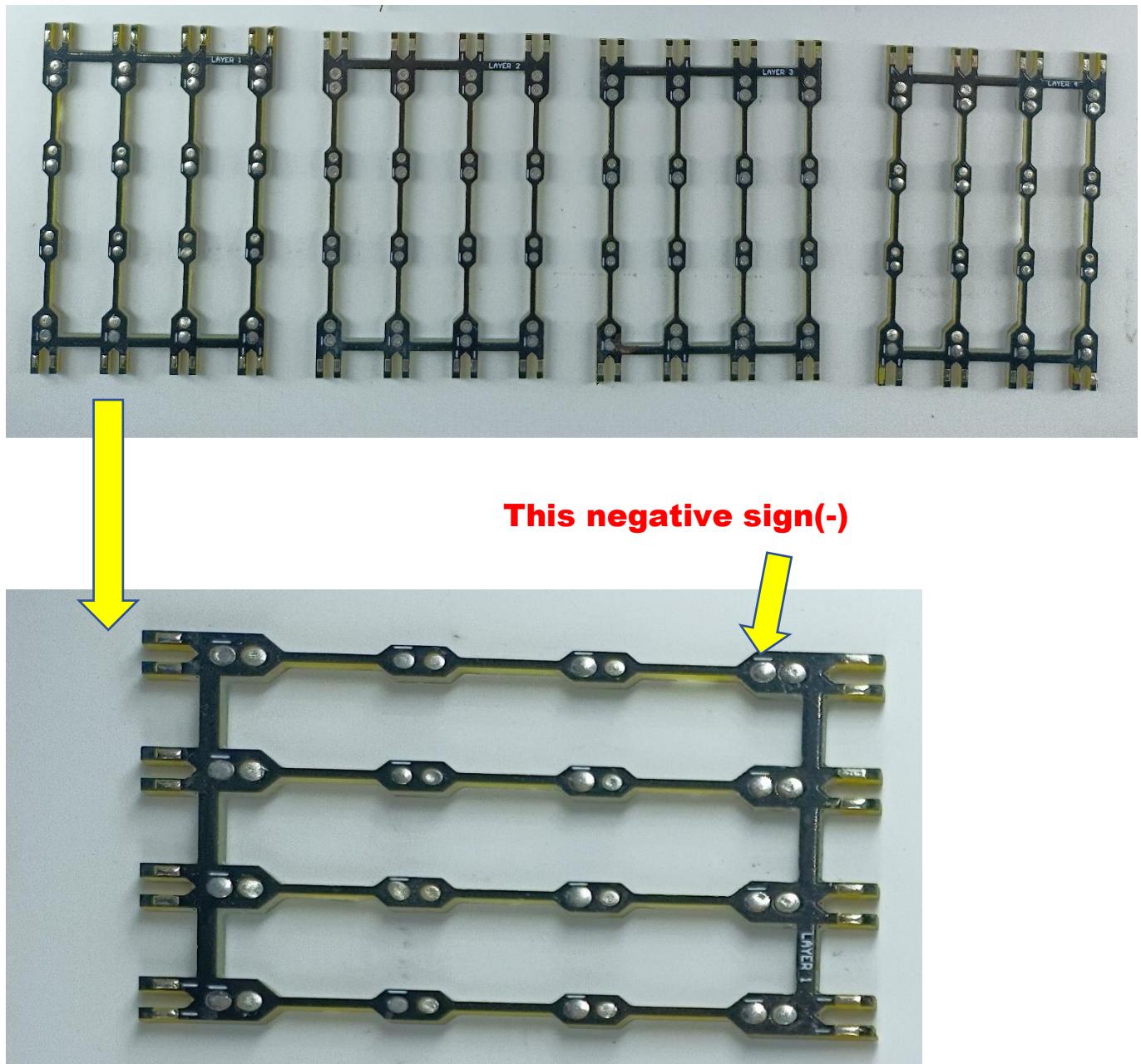
## Pico: Cube Solder Manual

### 1. Parts of the DIY kit

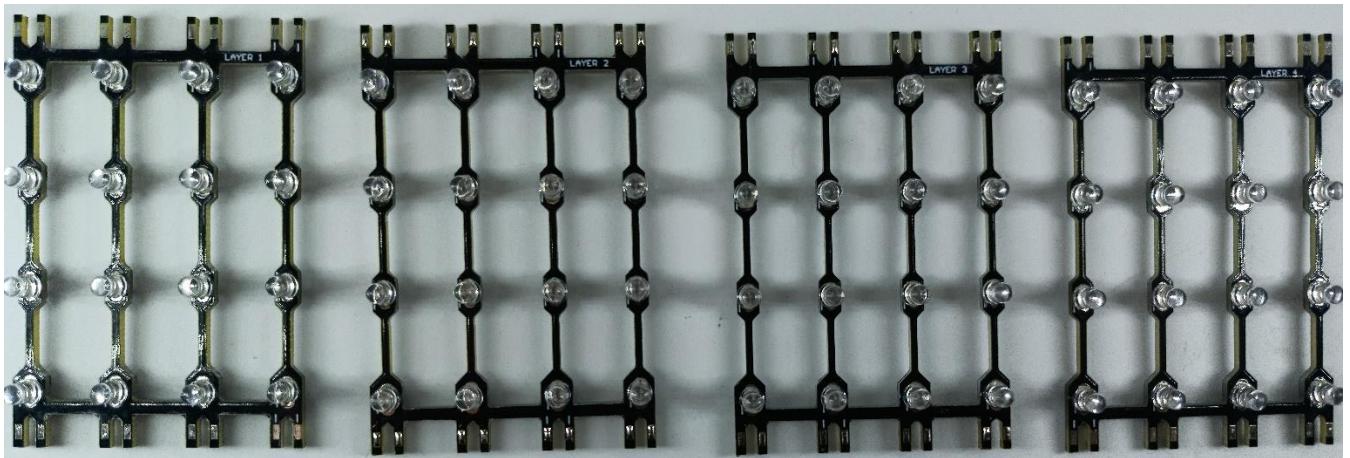


## 2 . Step by step Solder and Assembly

2.1- Solder all the LEDs with their respective slots, of the 4 layers, make sure the negative terminal of the LED (short leg) is solder with negative terminal of the layers [in layers you see the negative sign (-)]

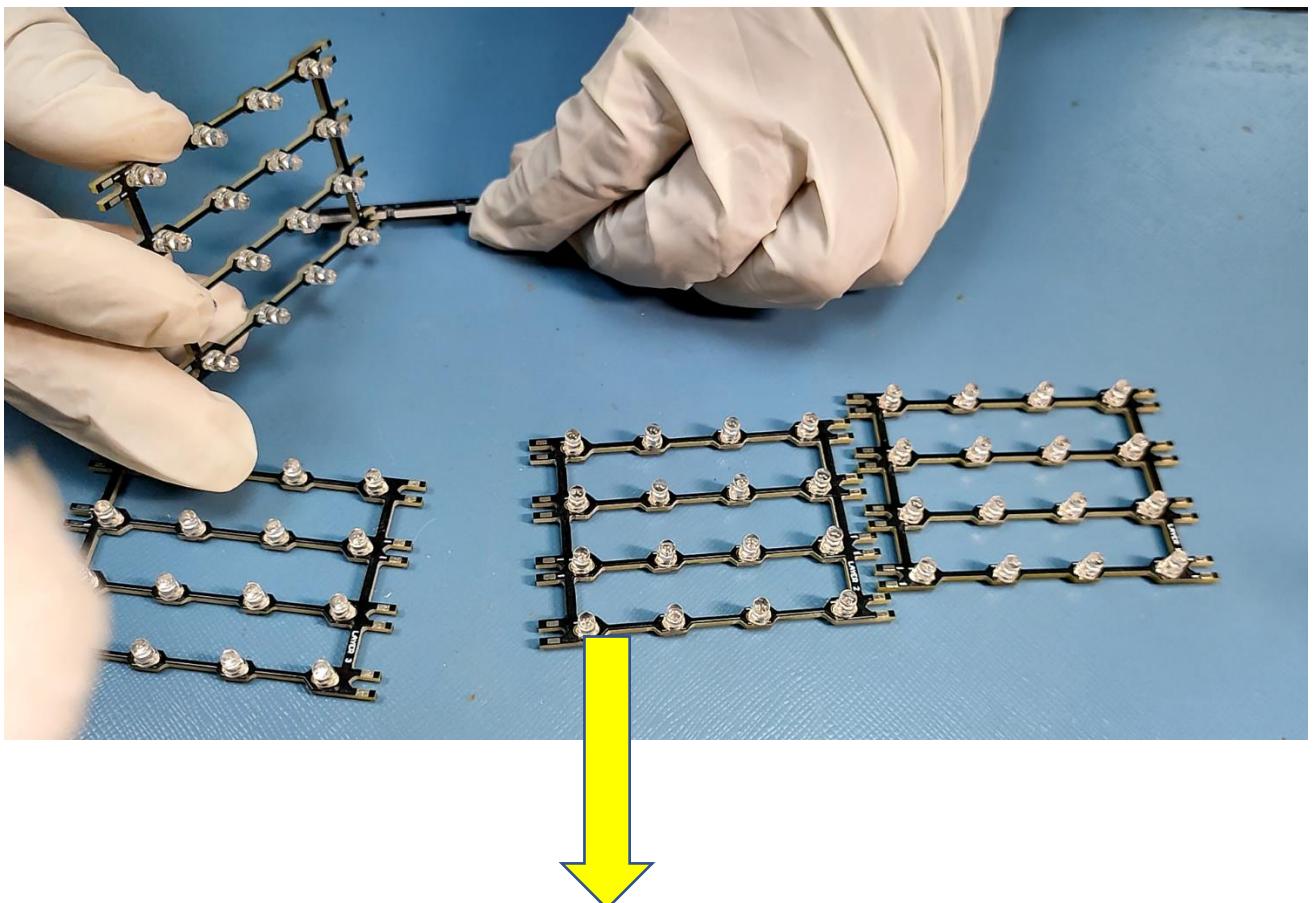


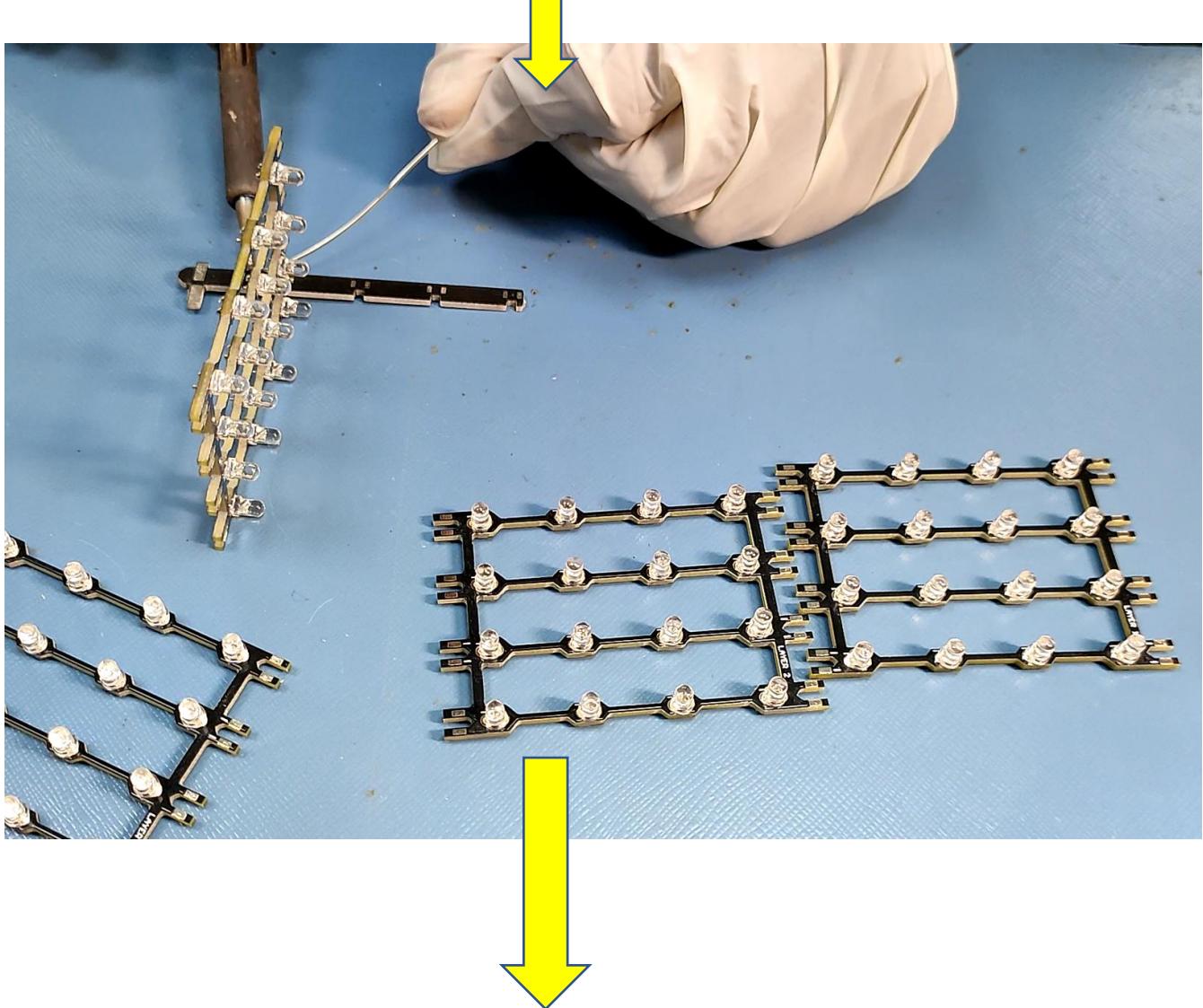
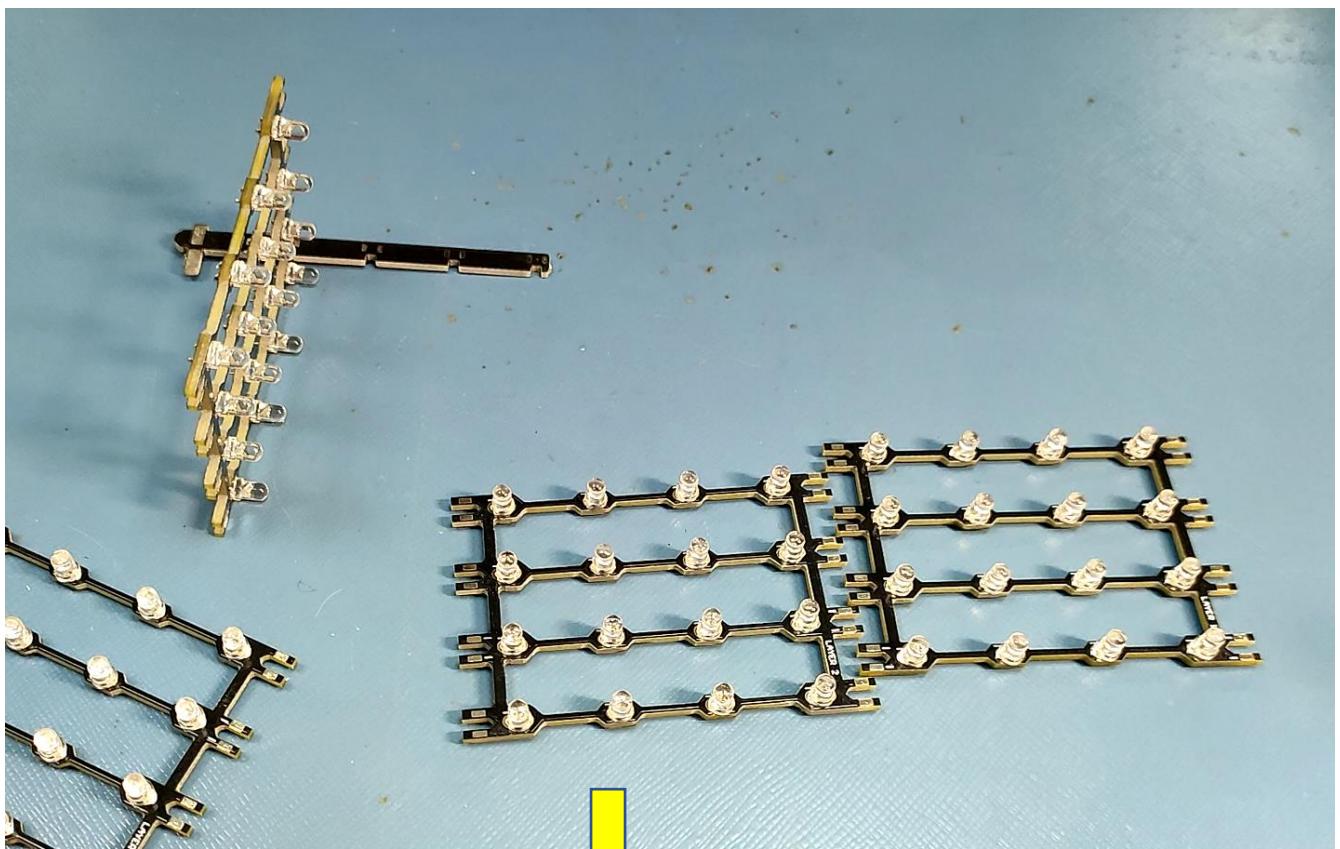
- After soldering the LEDs on all the 4 layers, the final output is

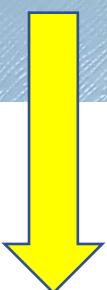
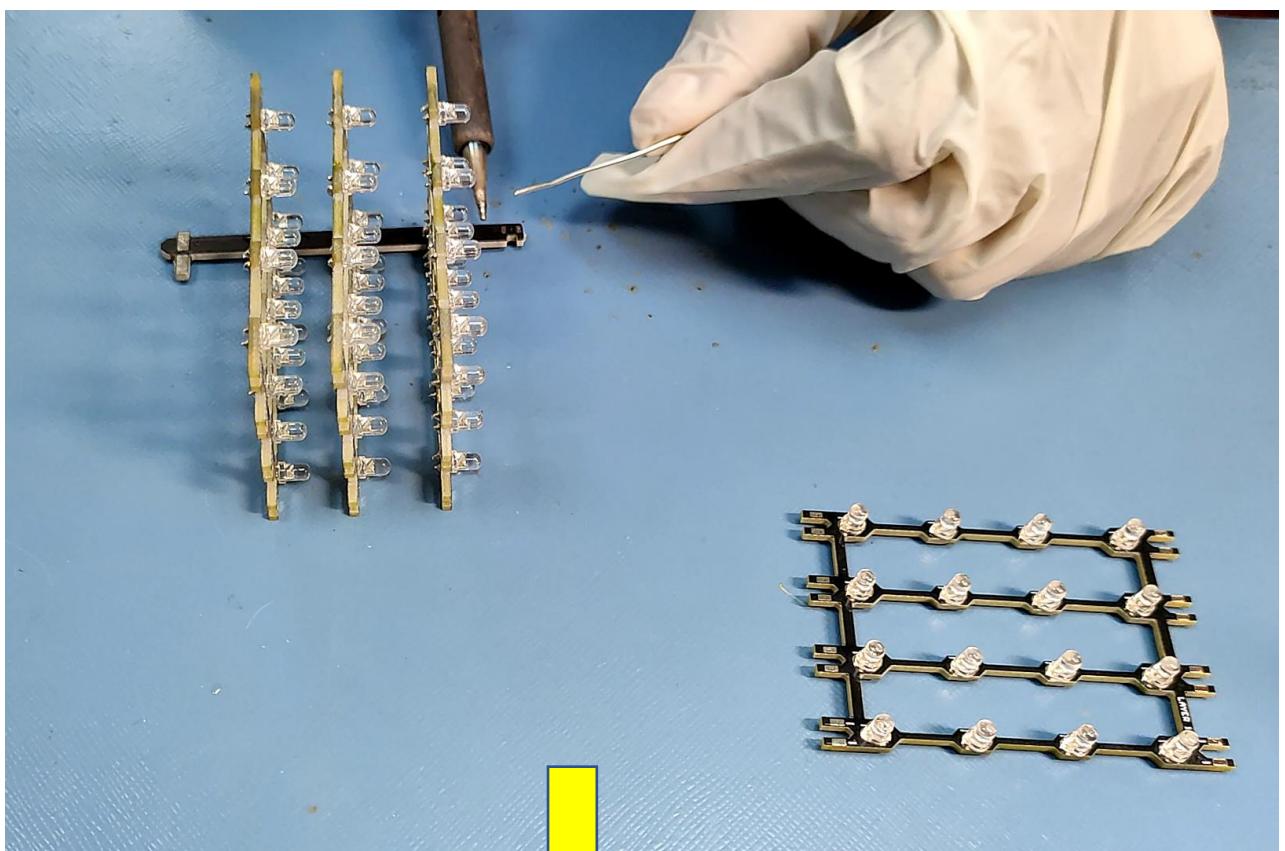
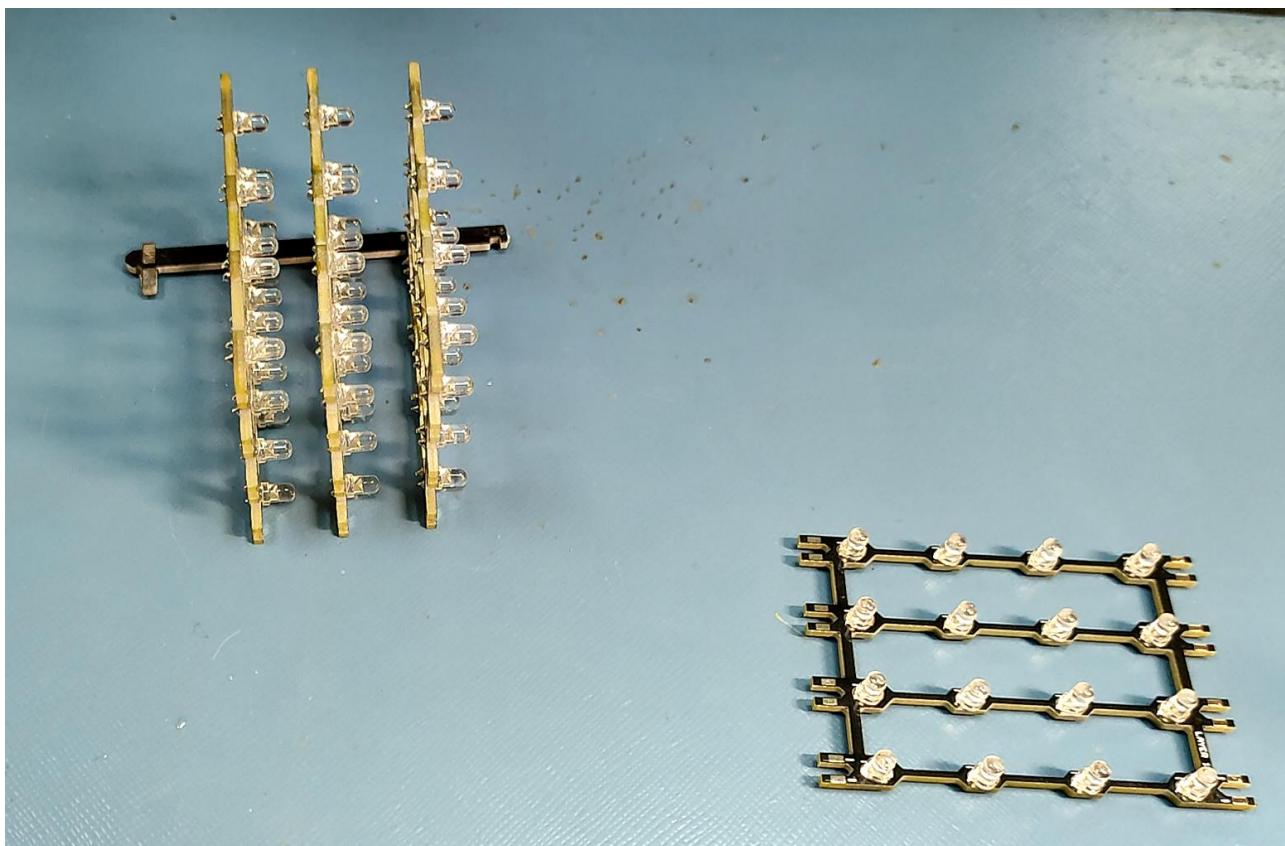


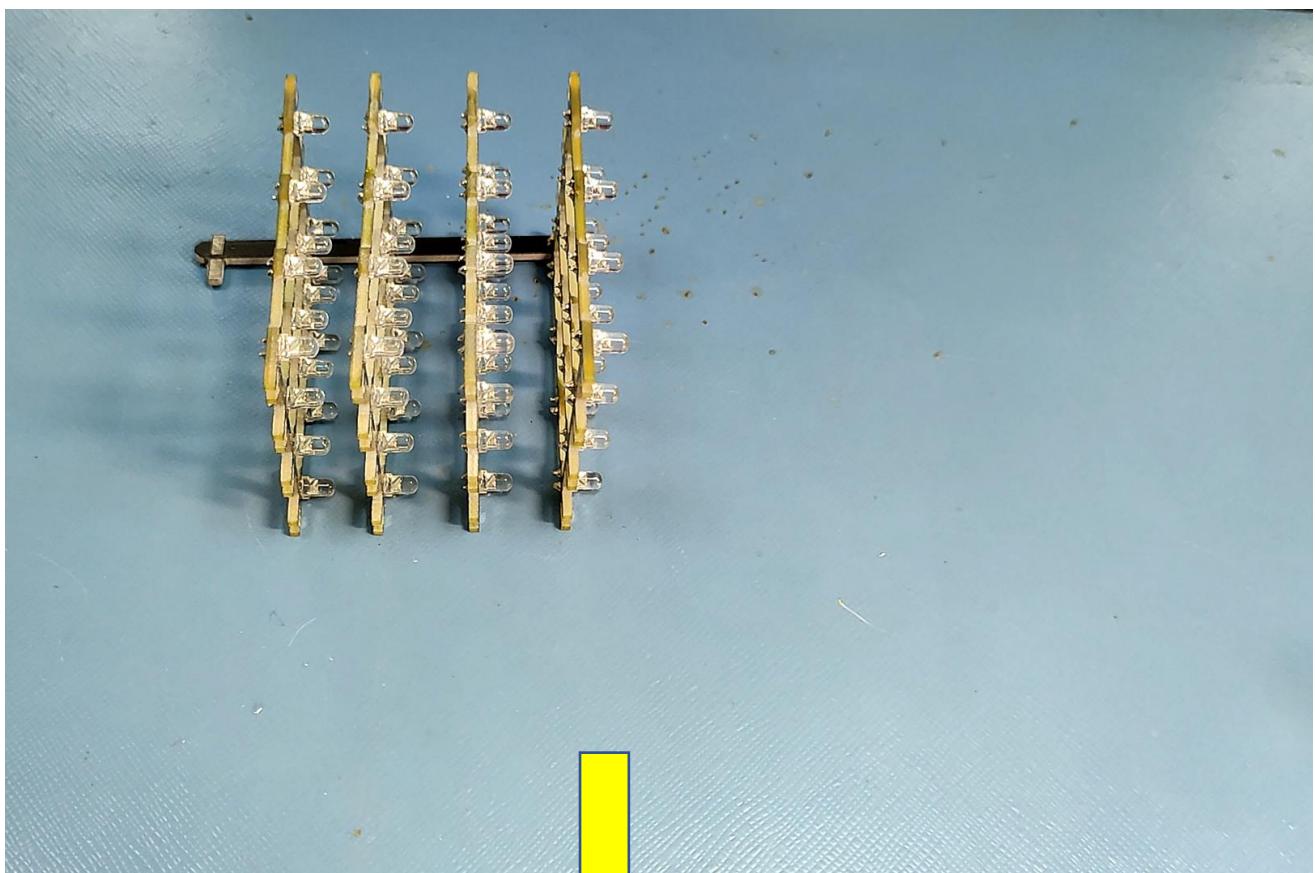
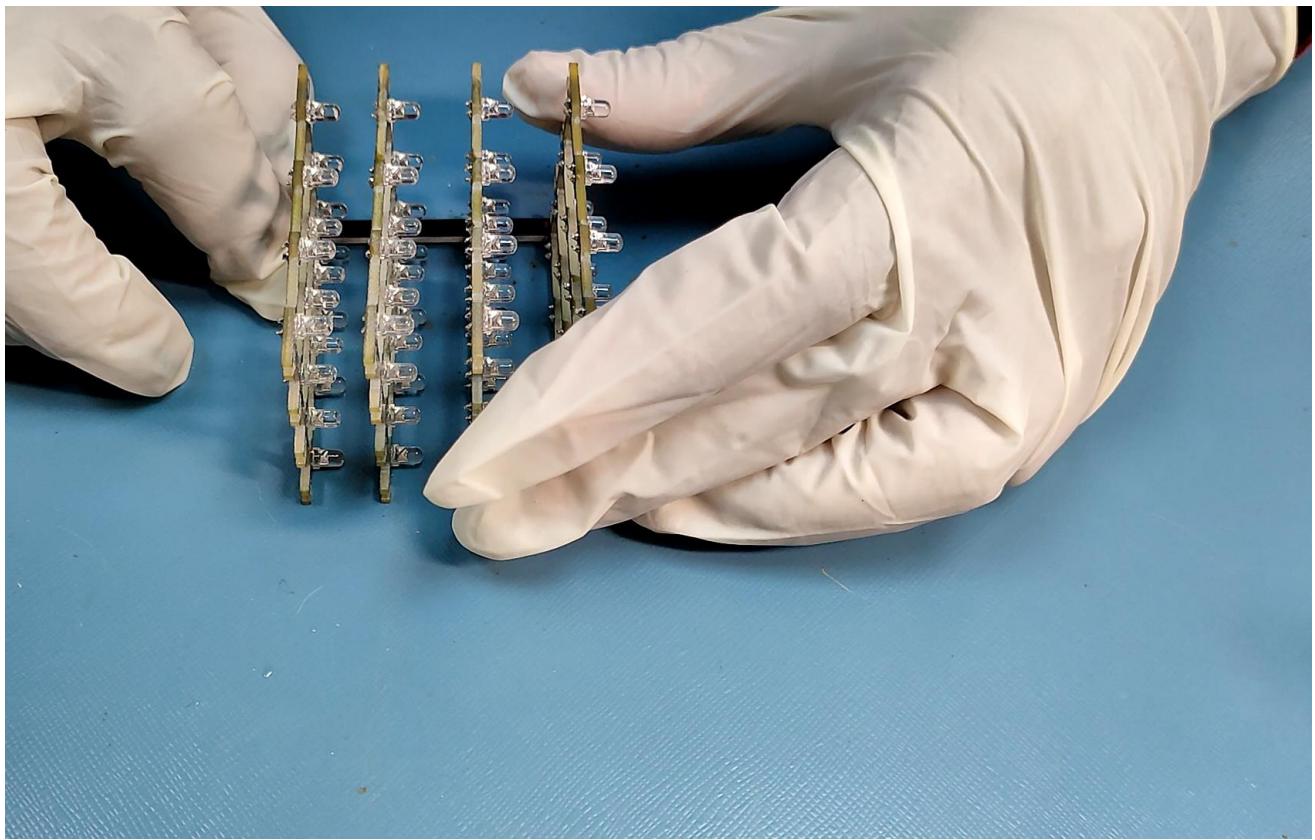
**2.2 – Fix and solders the layers with the pillars as shown in figure (follow all the pictures shown below):**

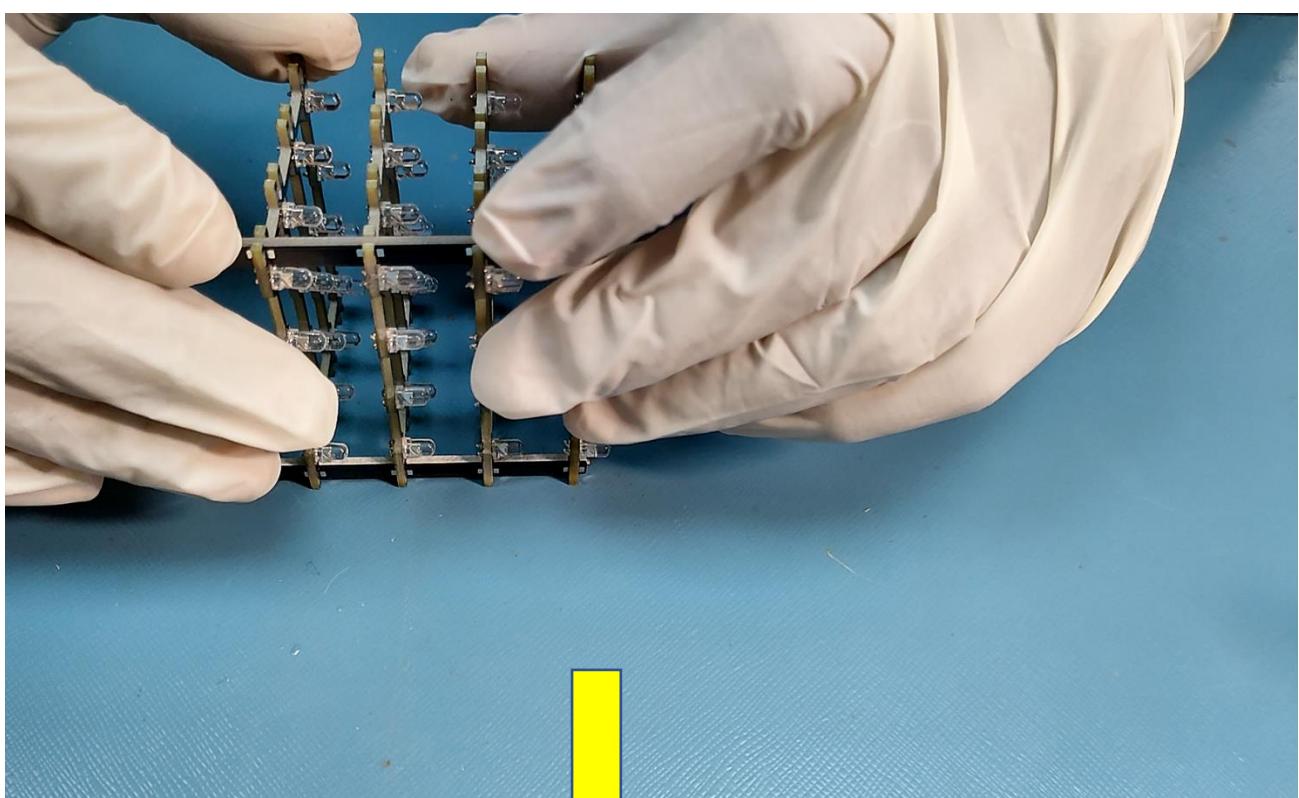
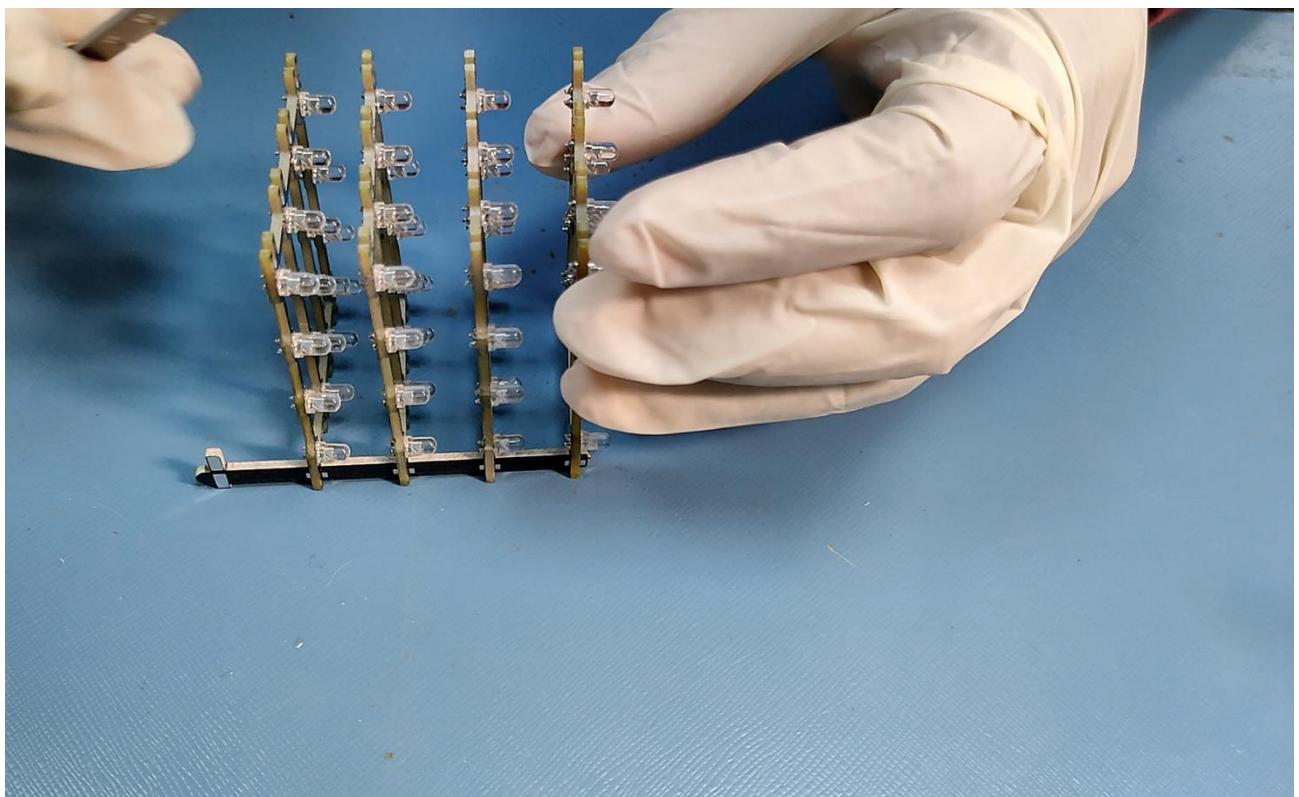
Fix layer 1 at the bottom, then put layer 2 at the top of layer 1, similarly layer 3, and layer 4 (layer 4 is at the top most)

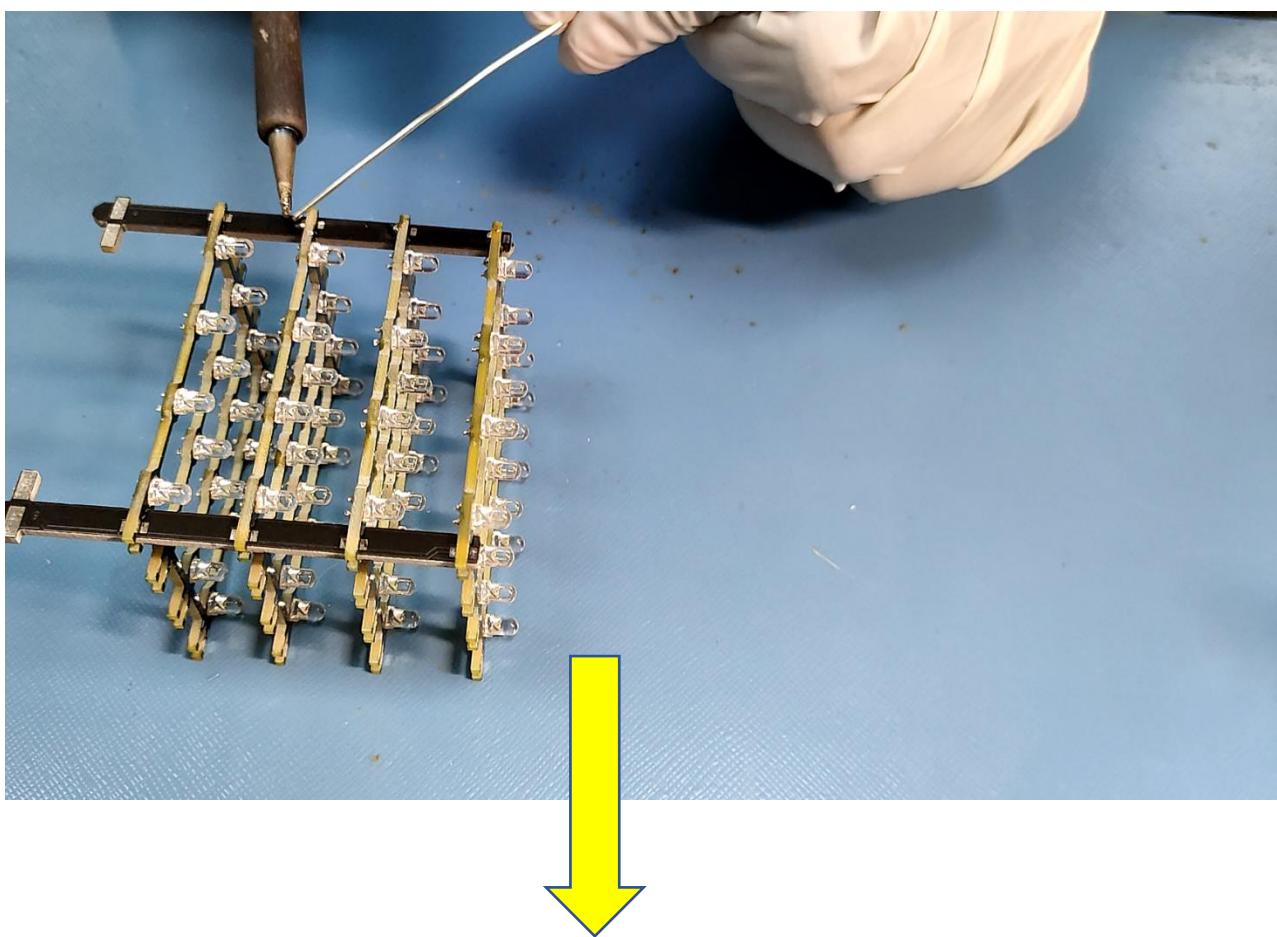
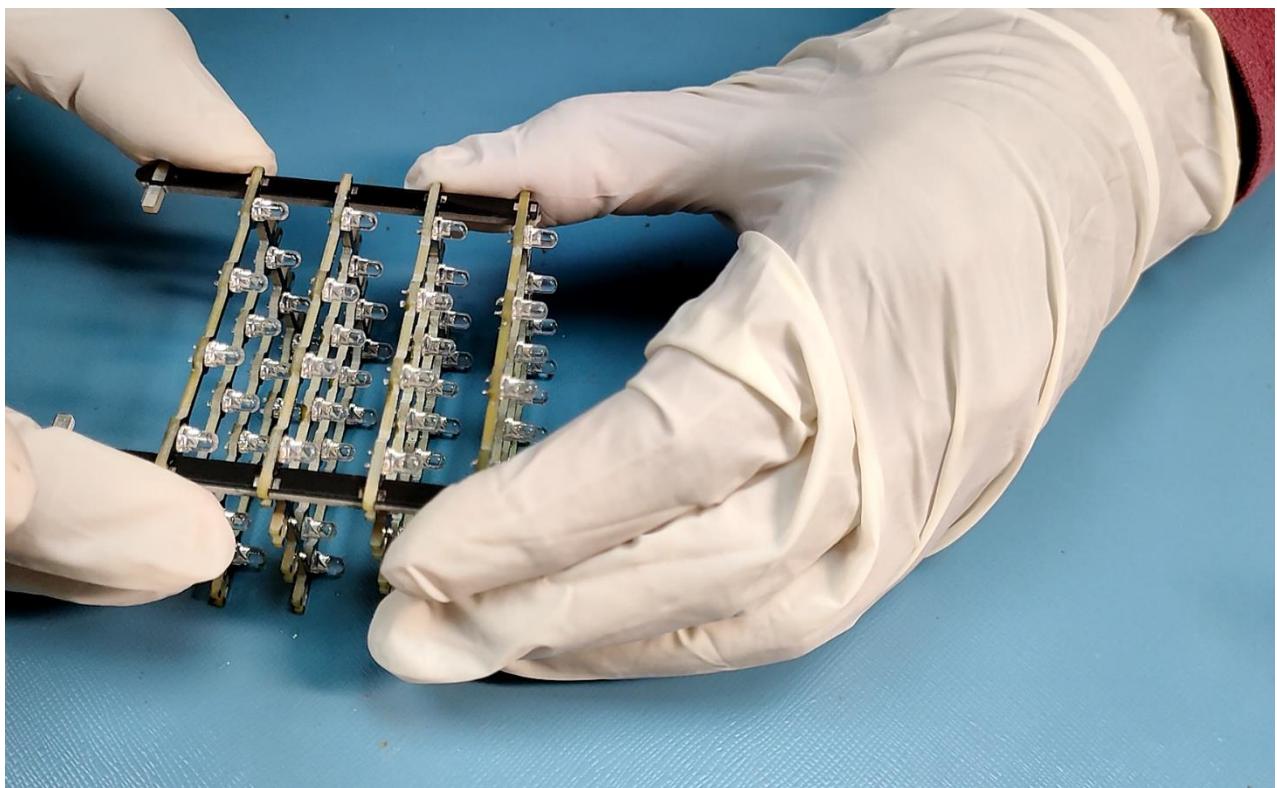


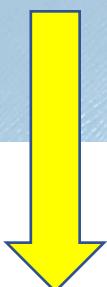
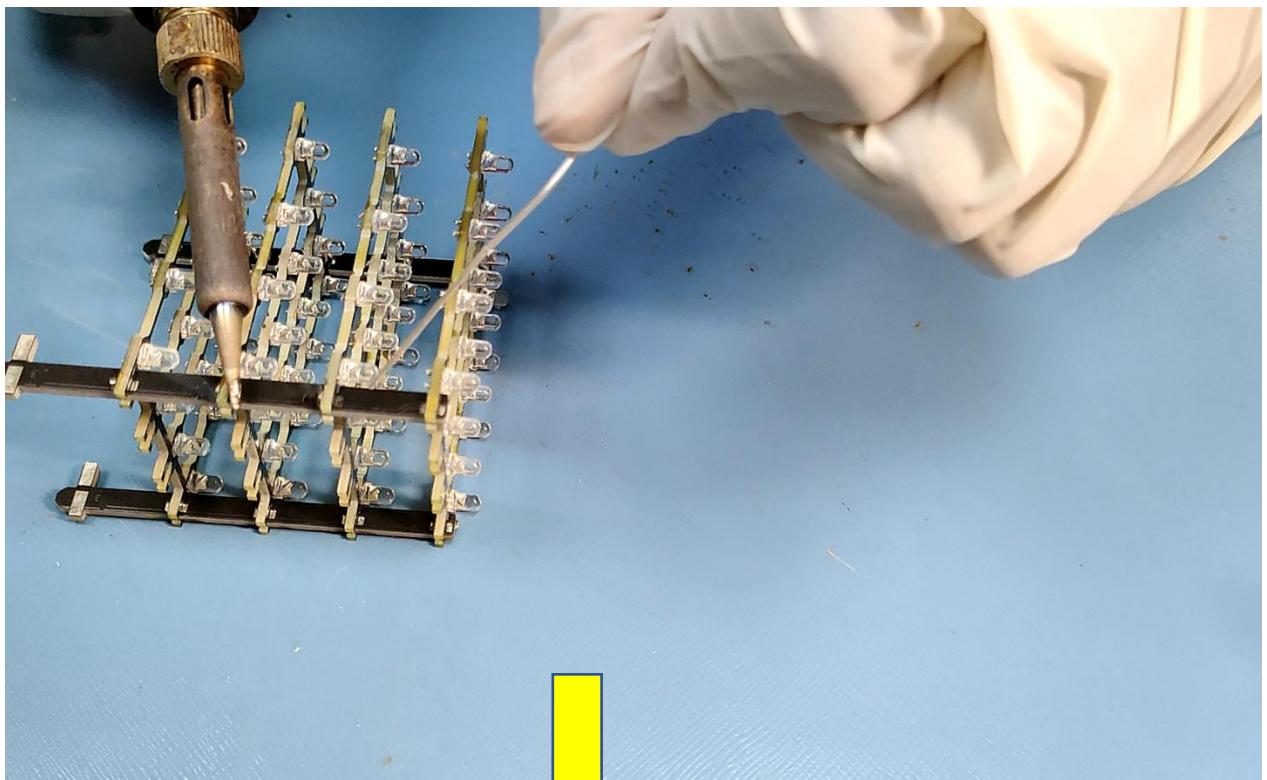
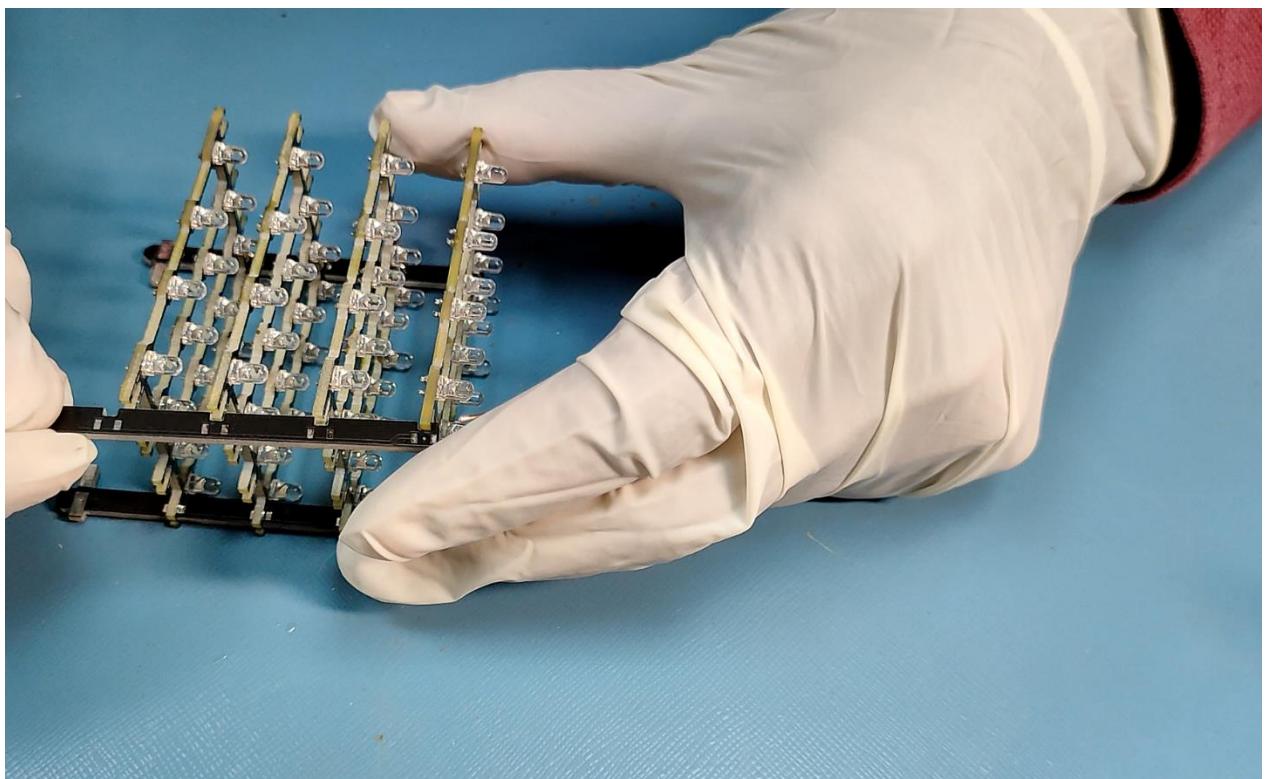


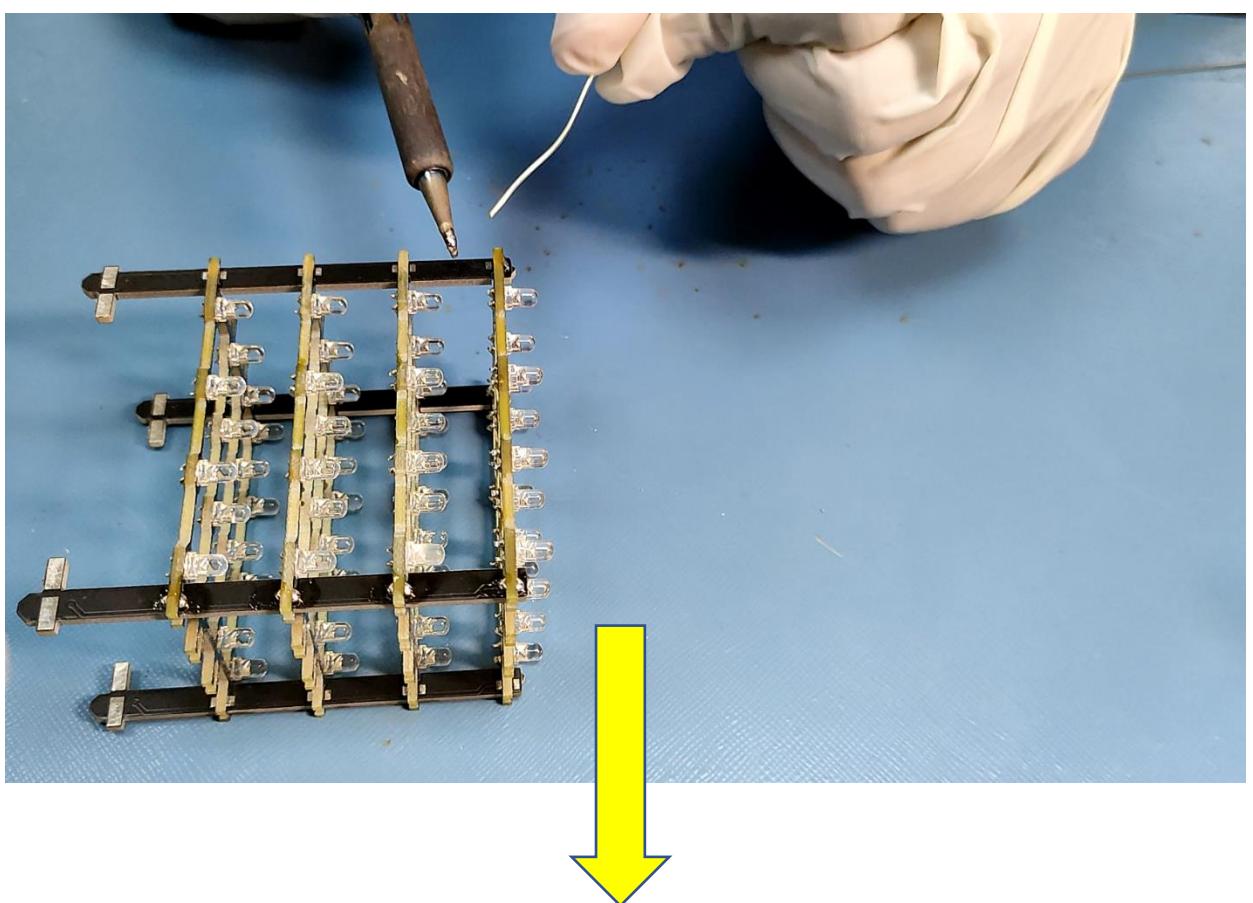
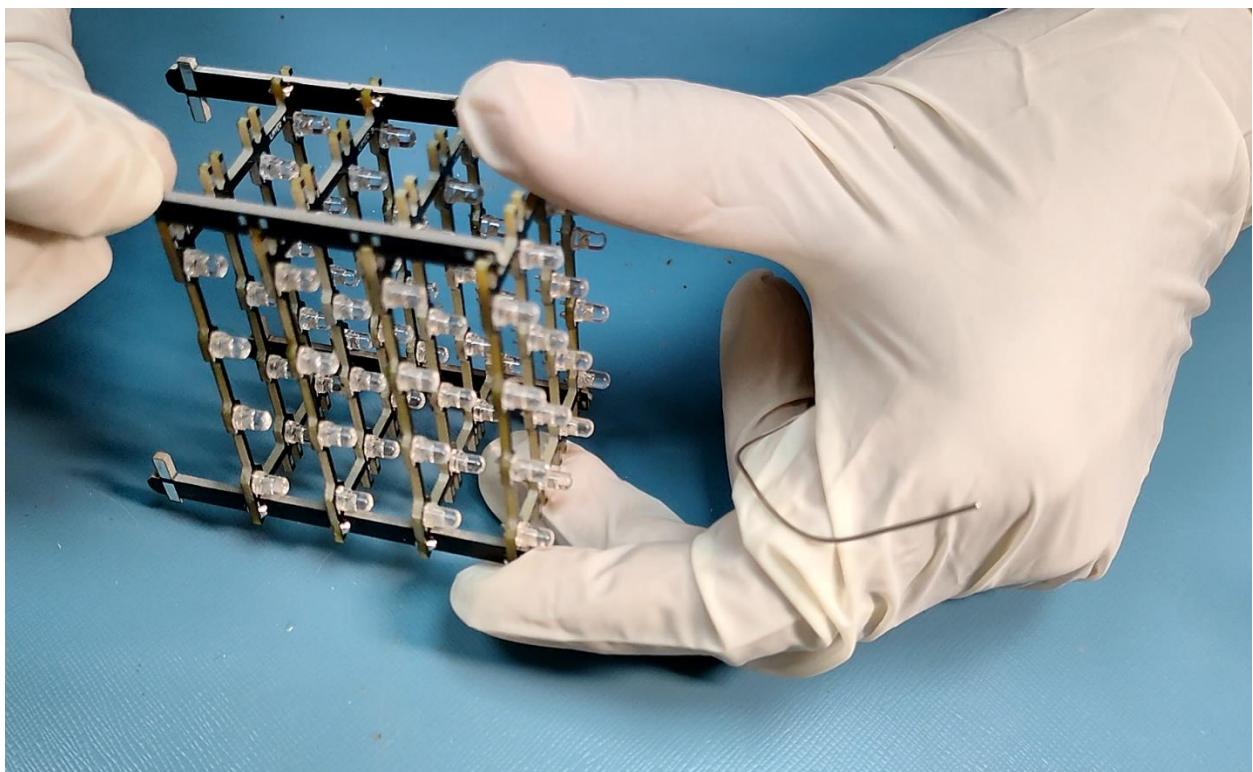


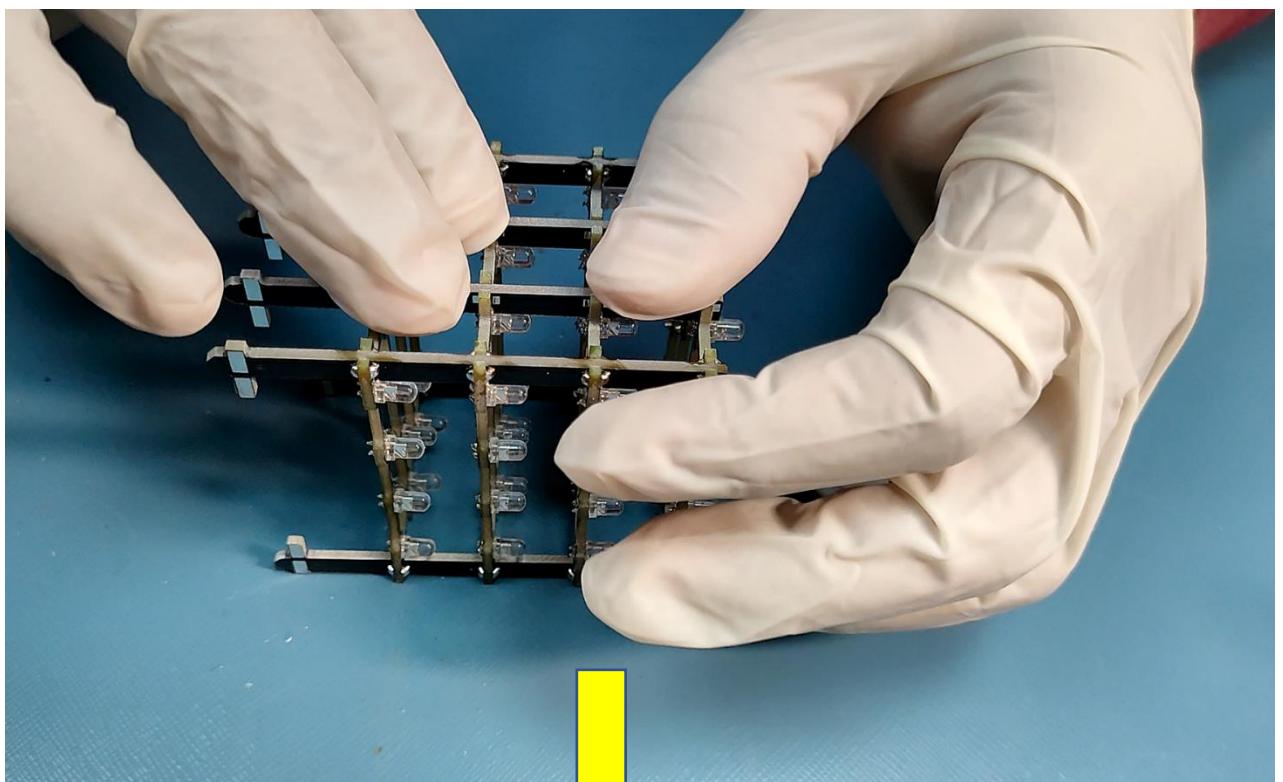
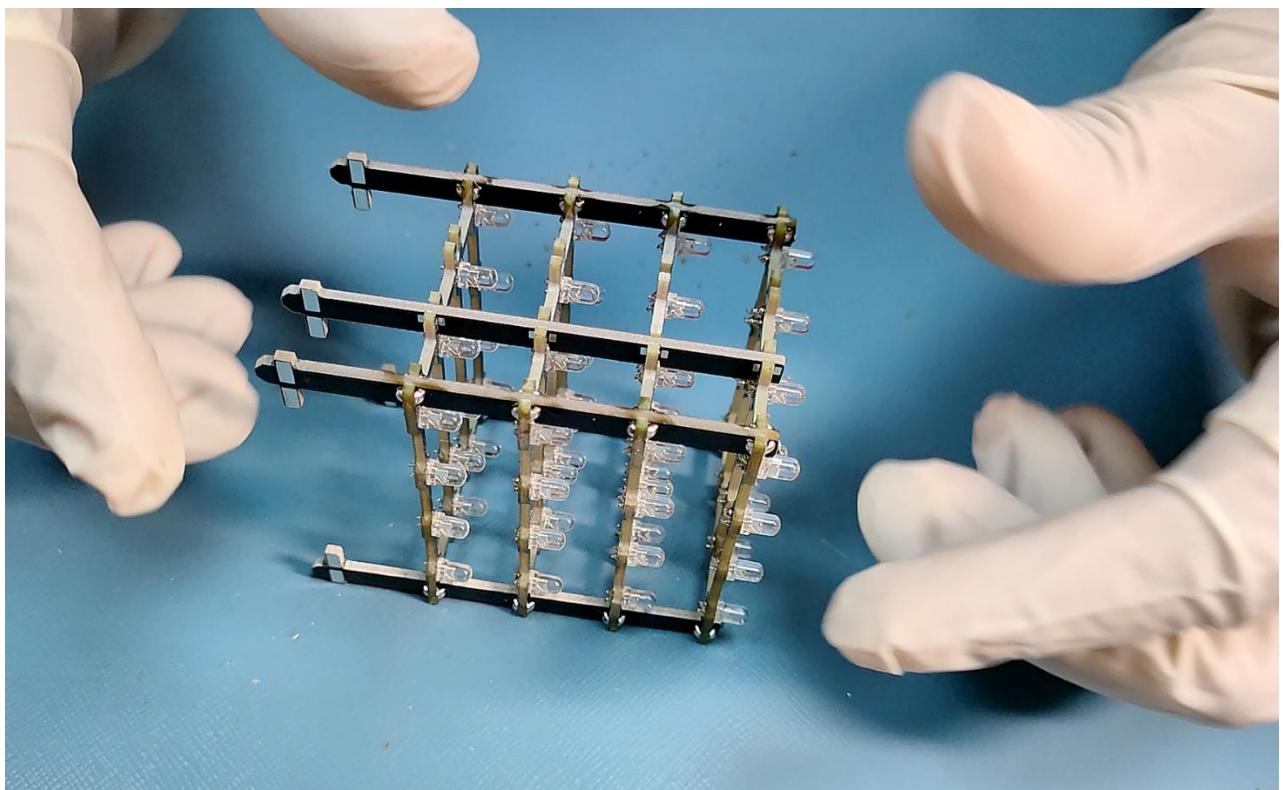


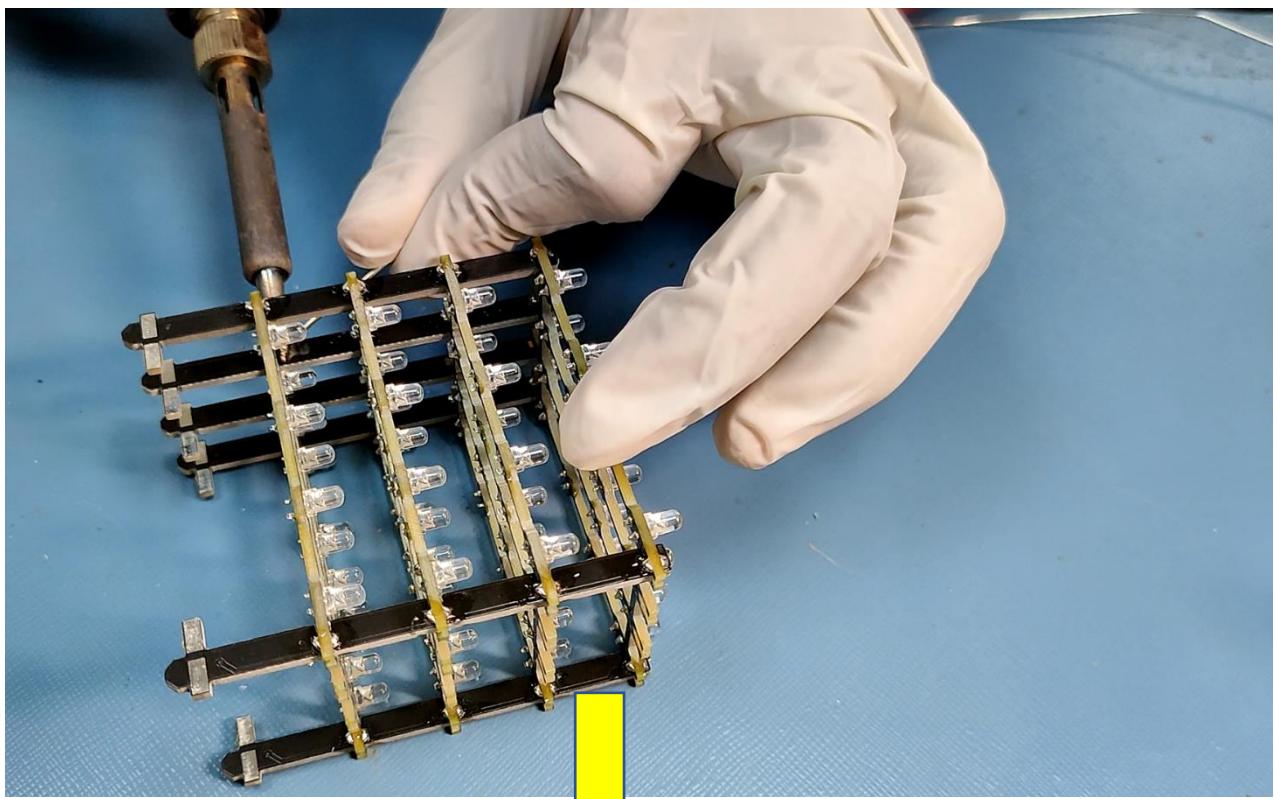
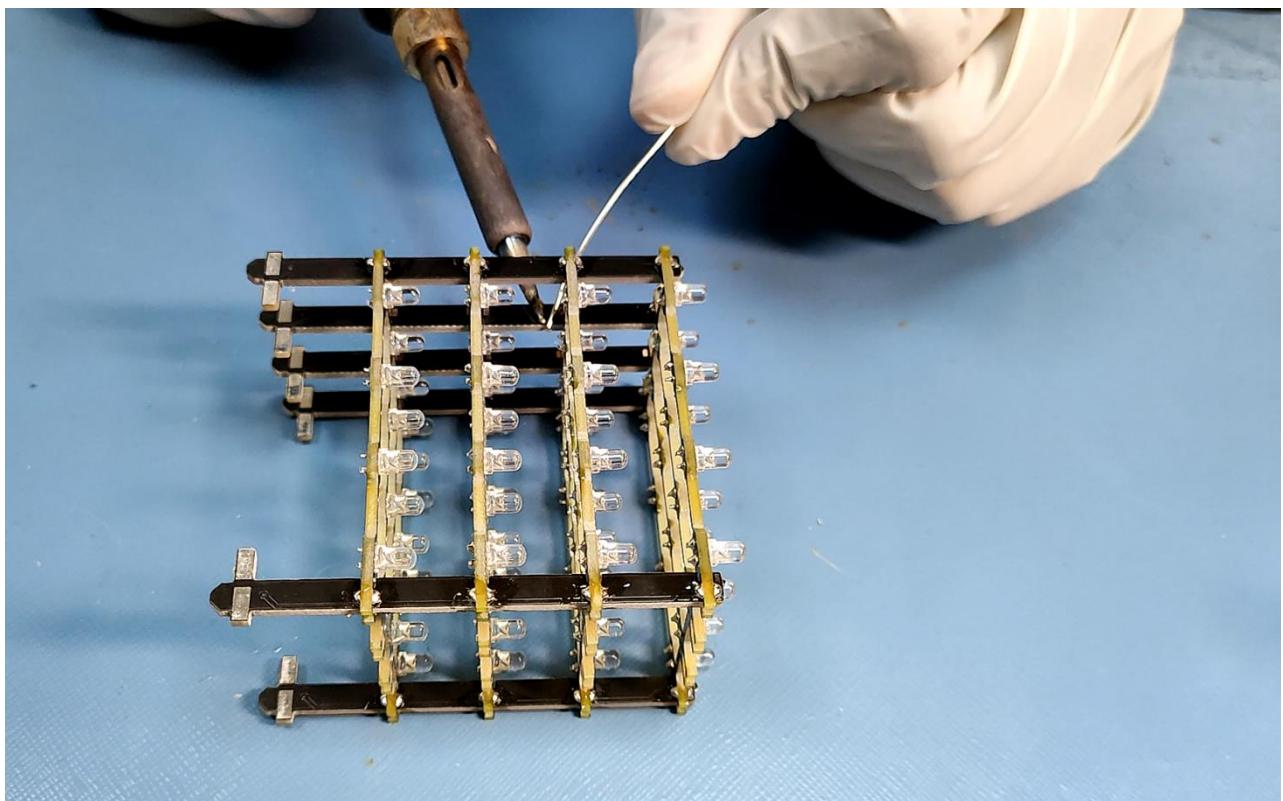


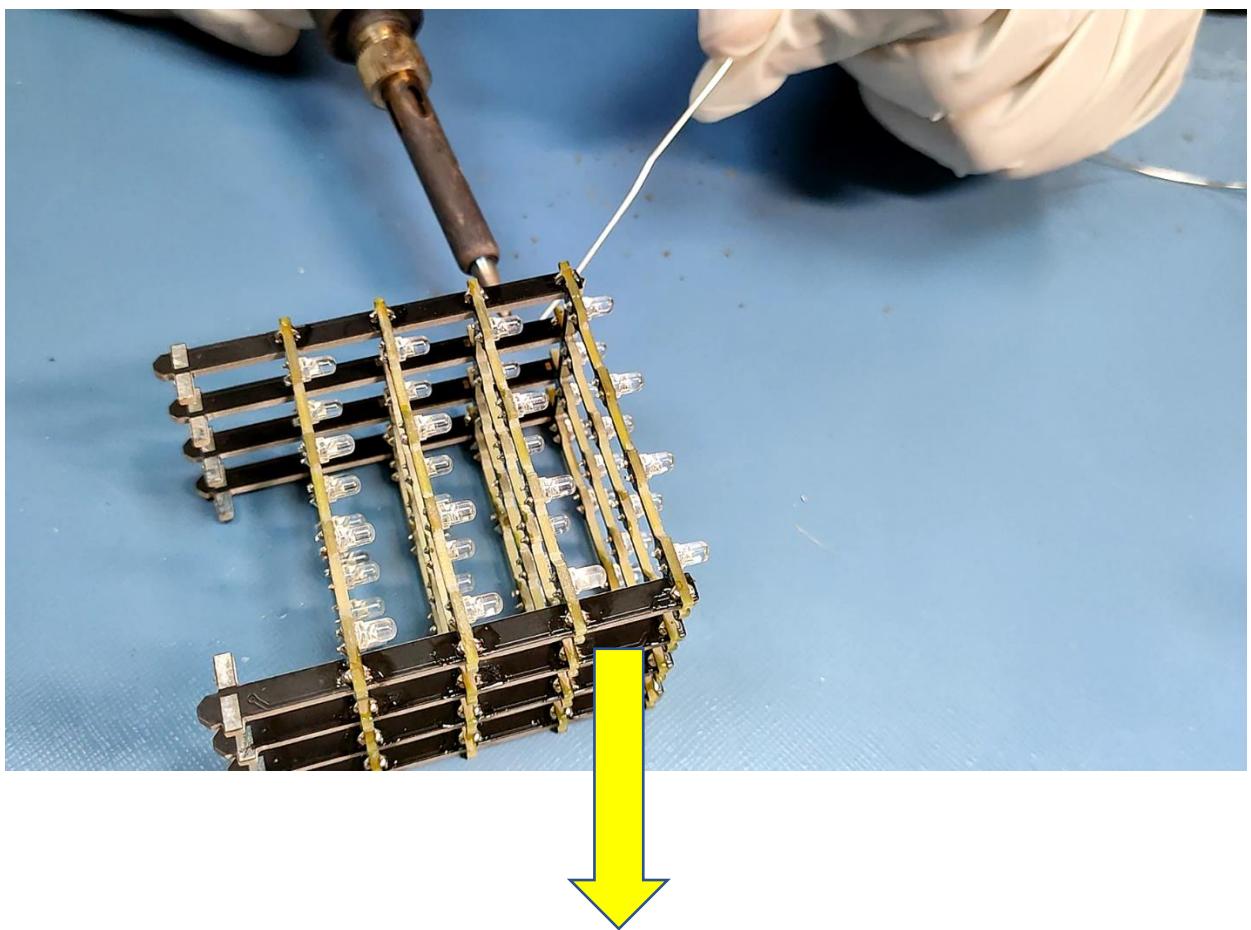
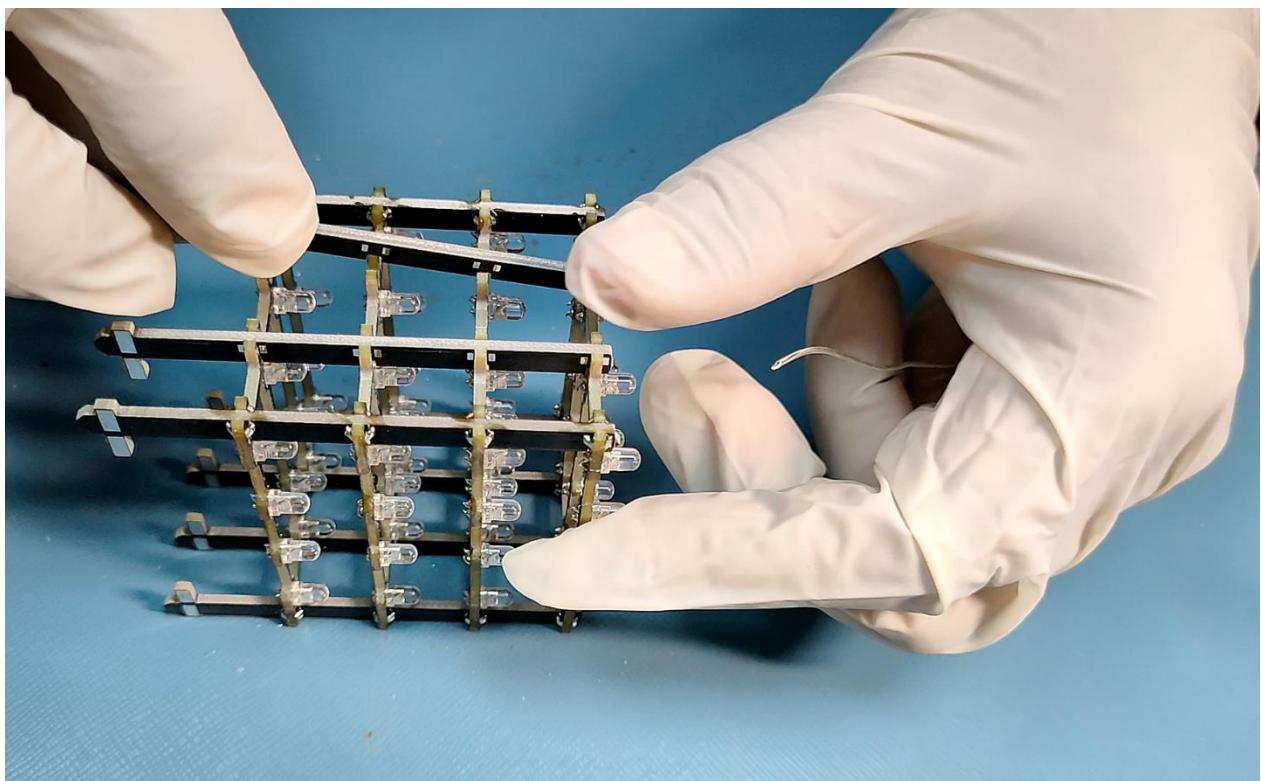


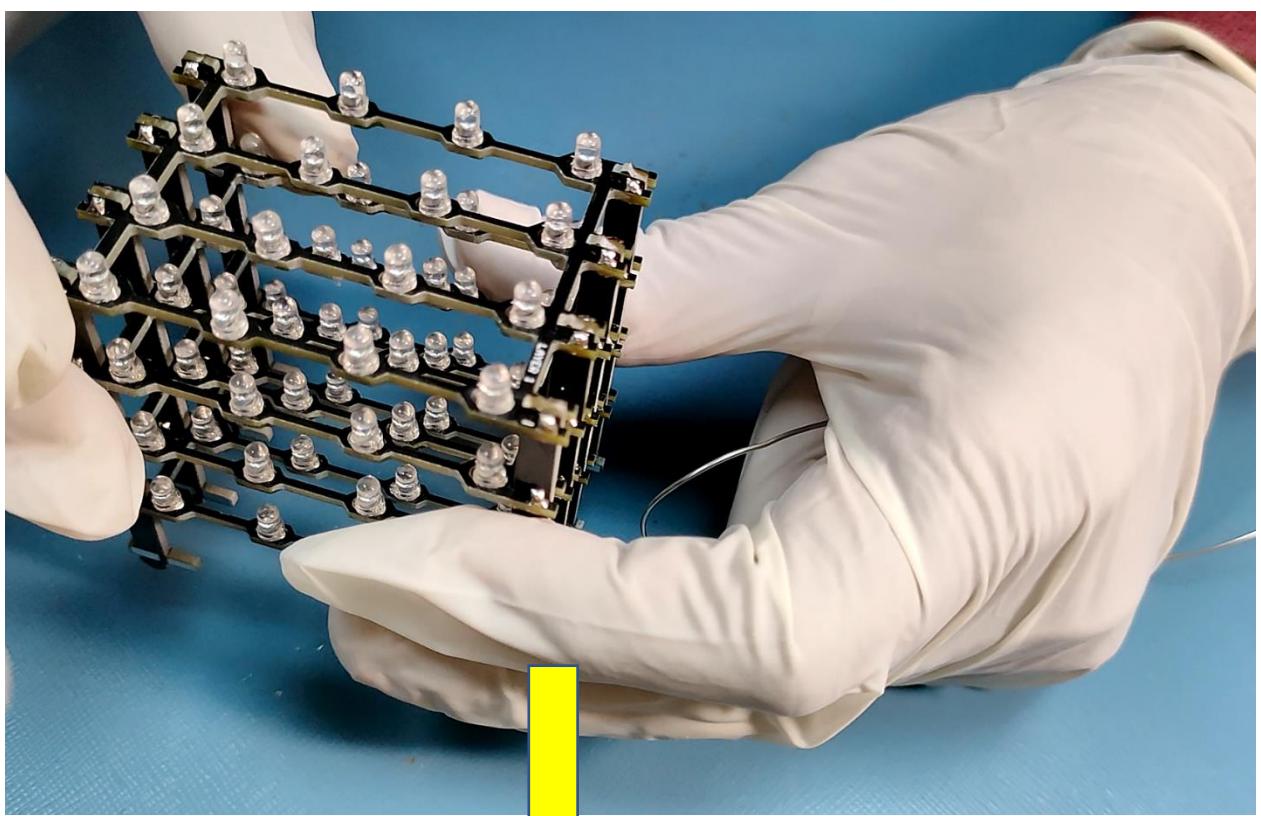
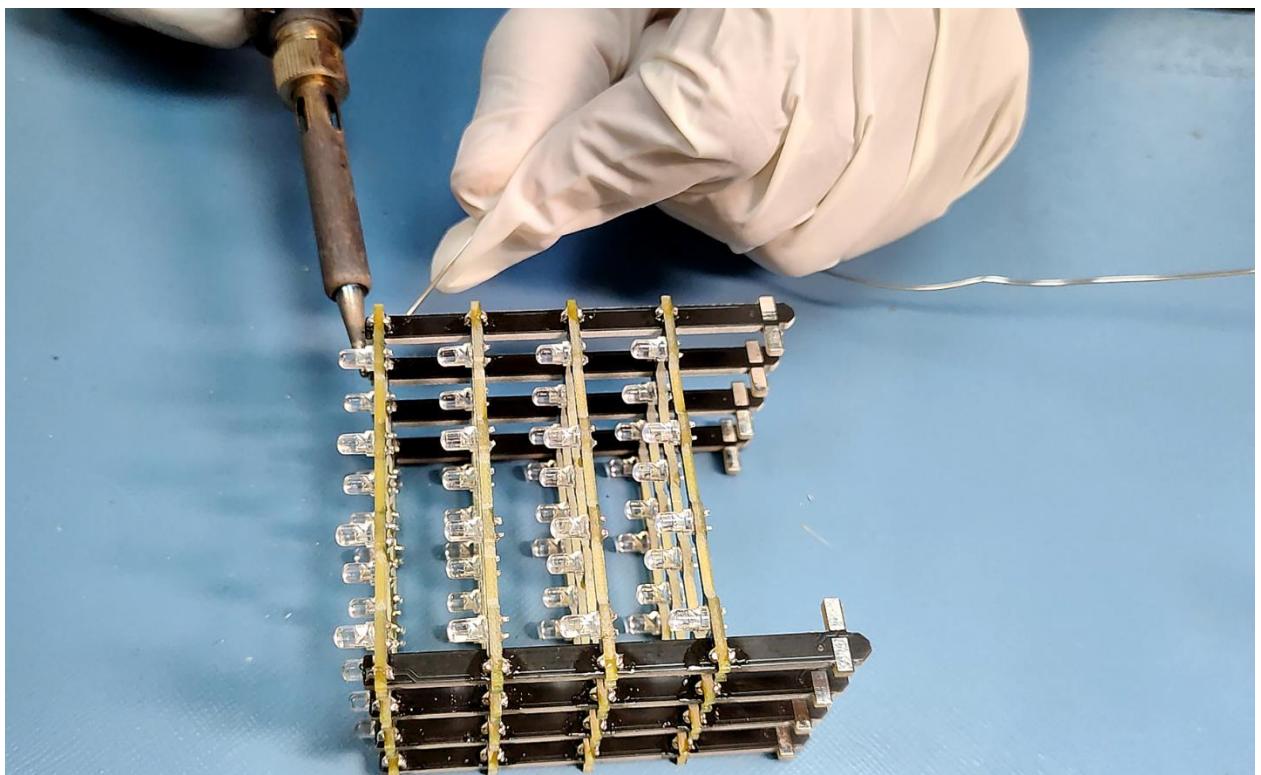


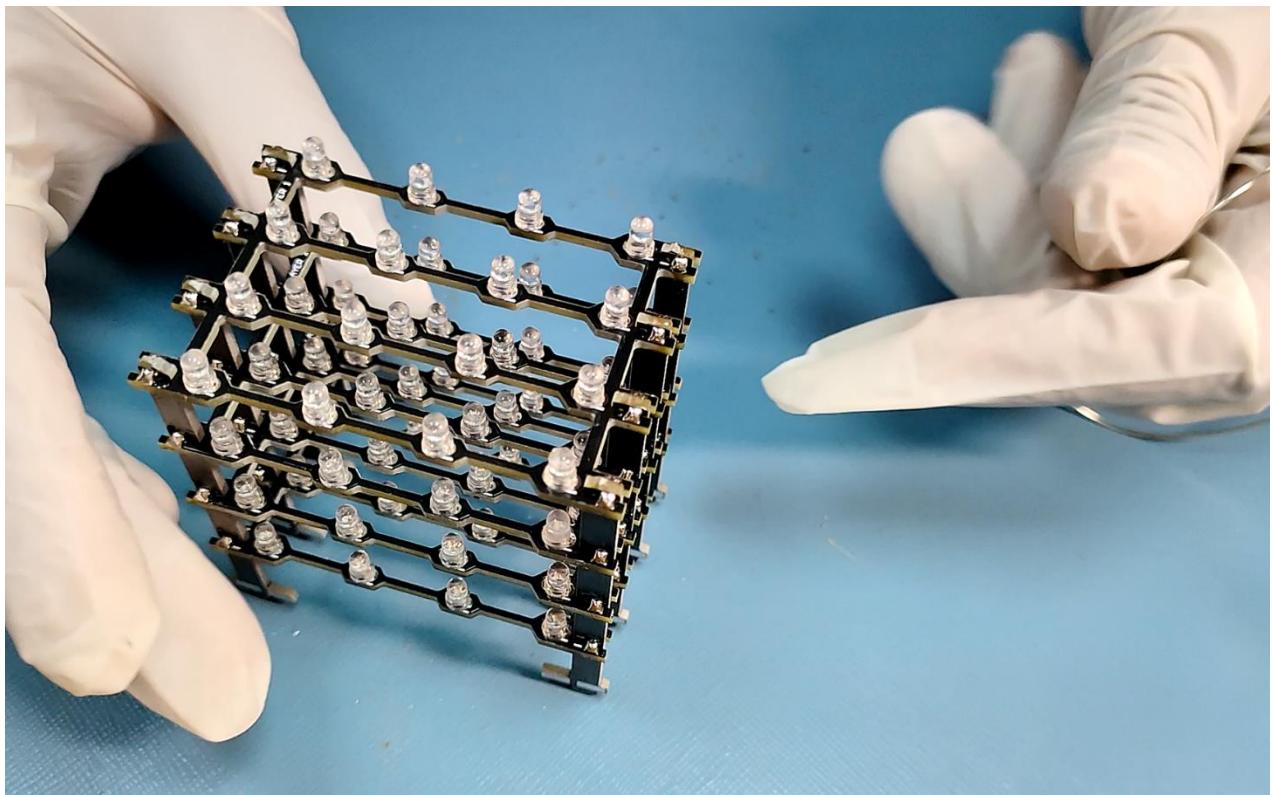






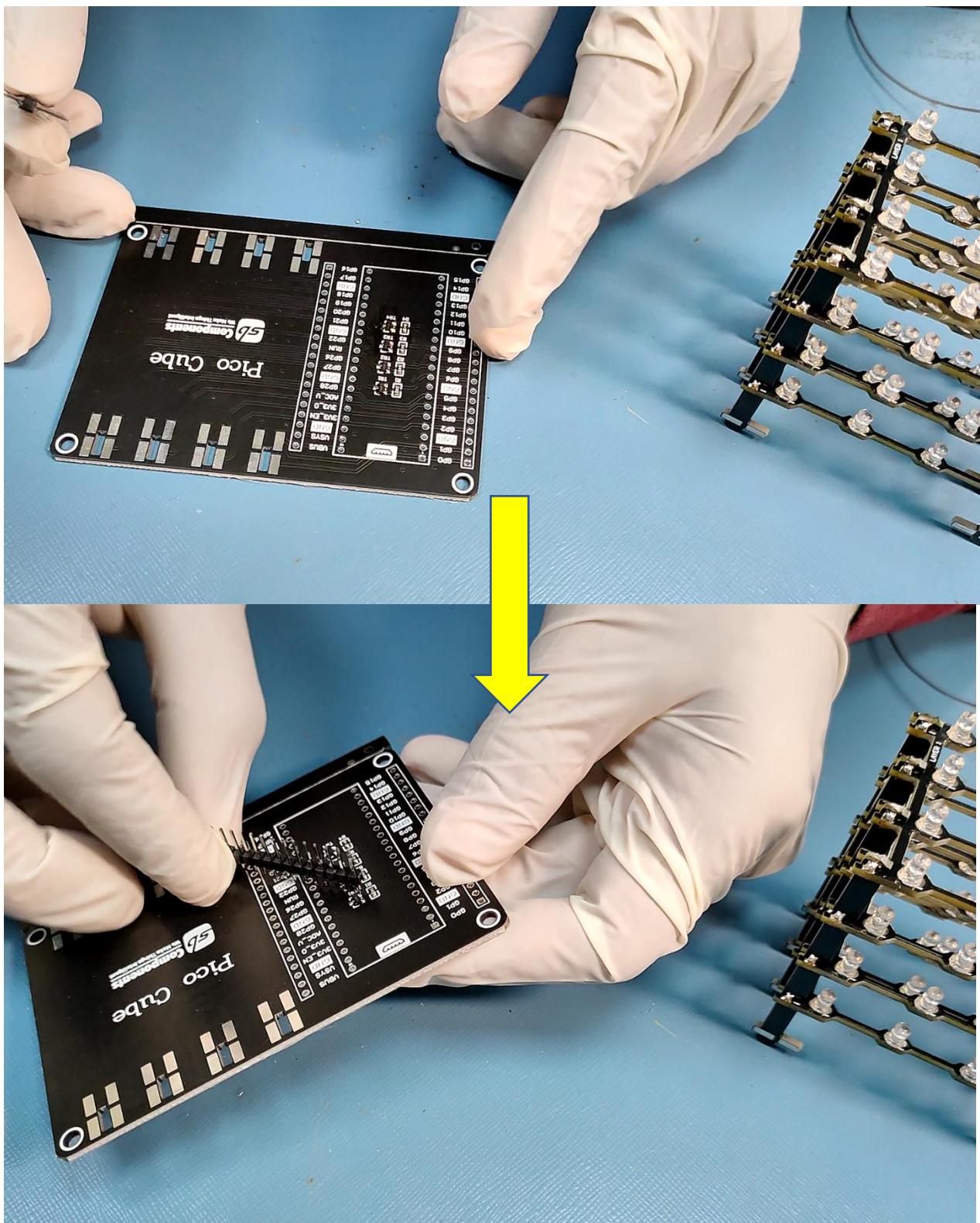


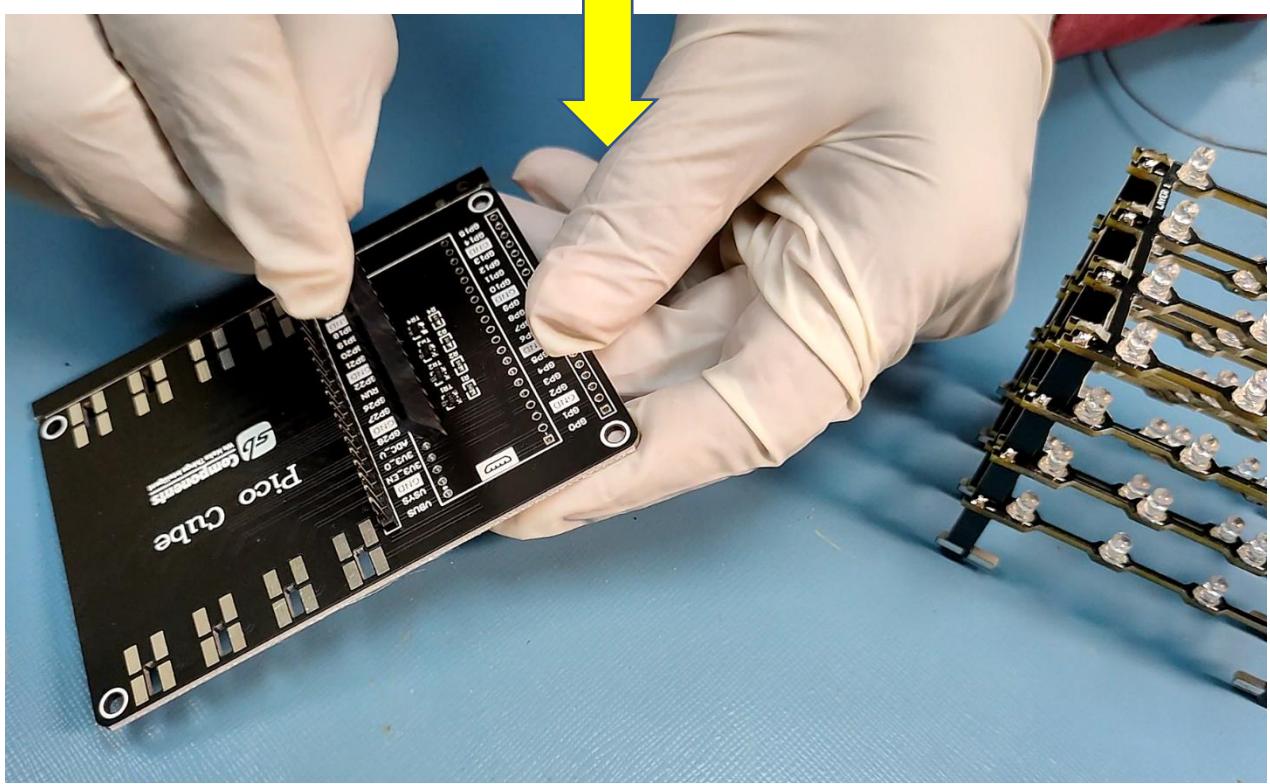
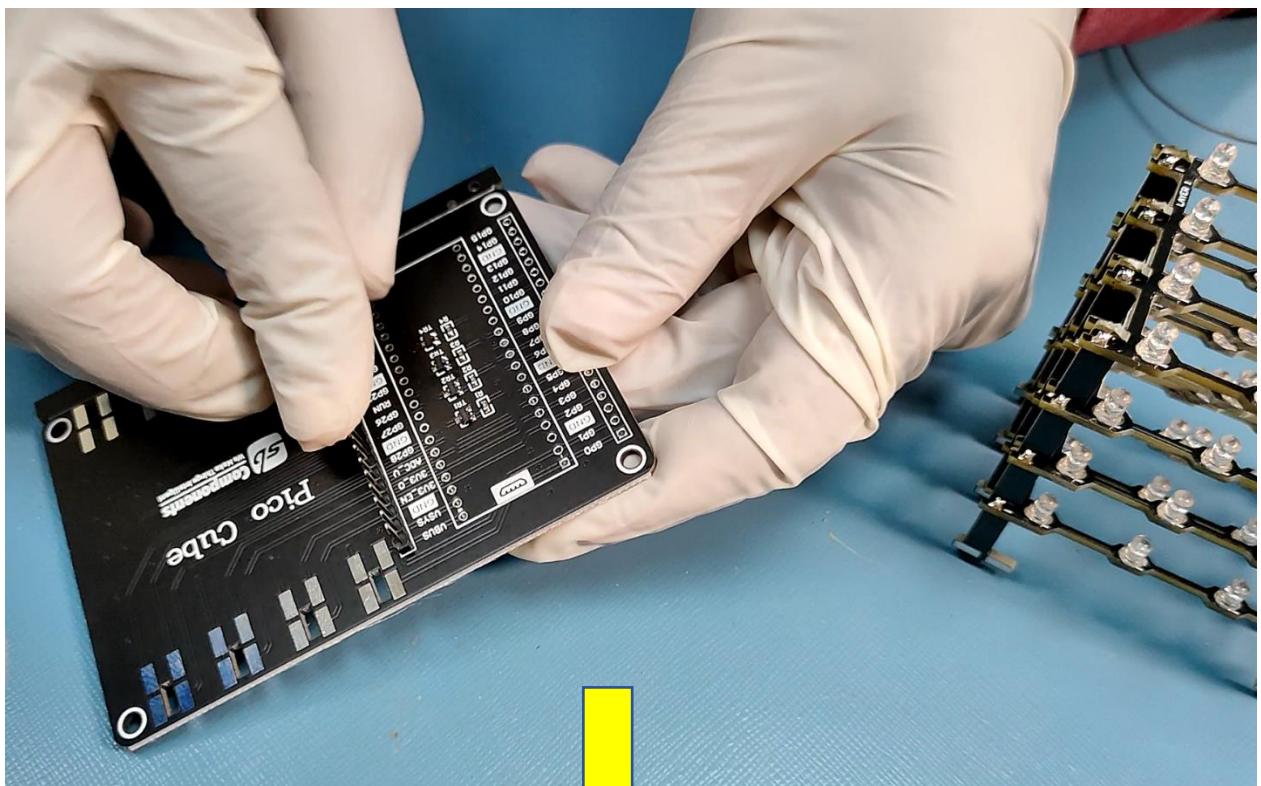


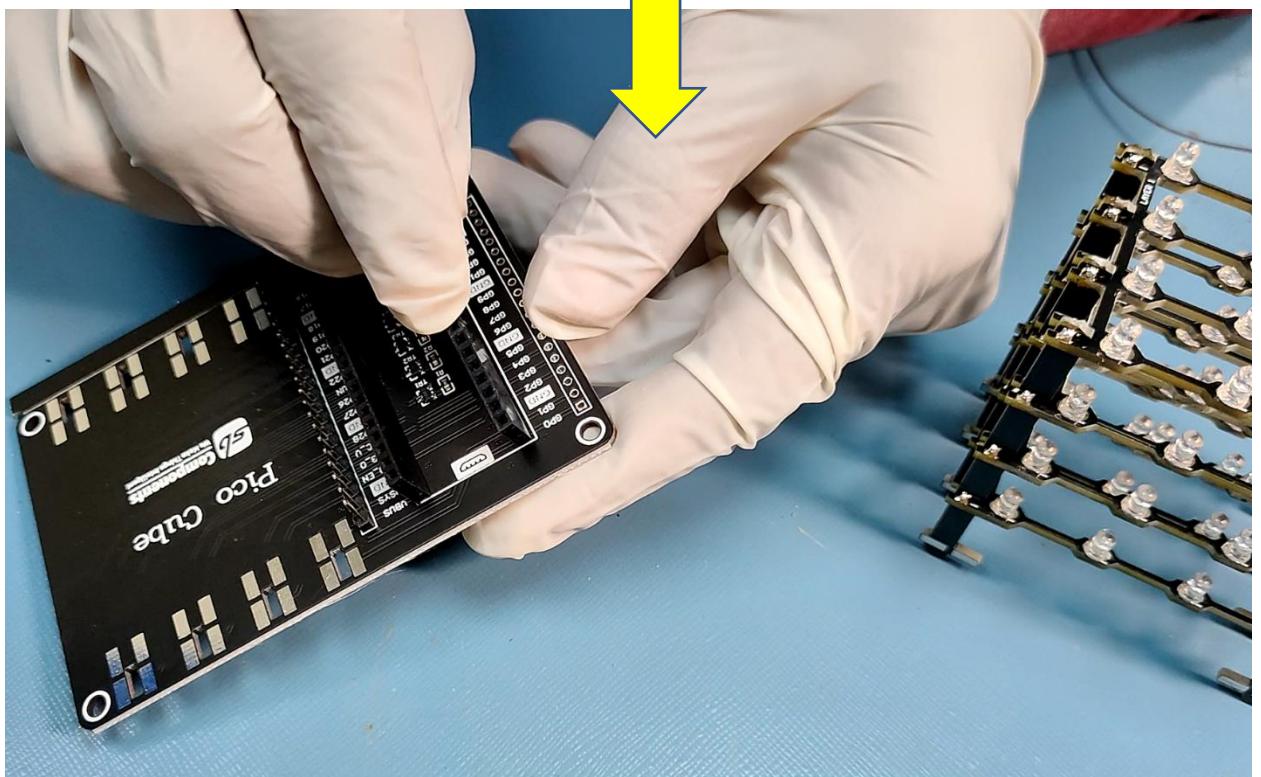
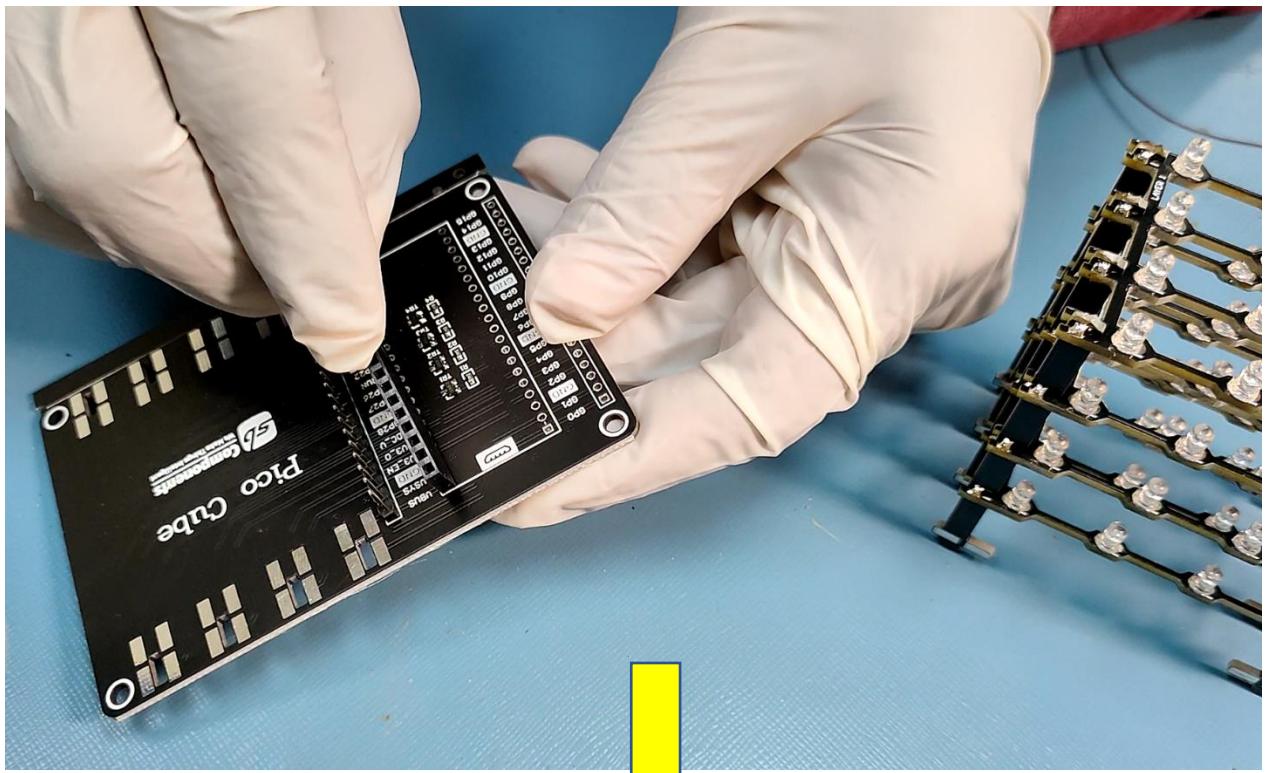


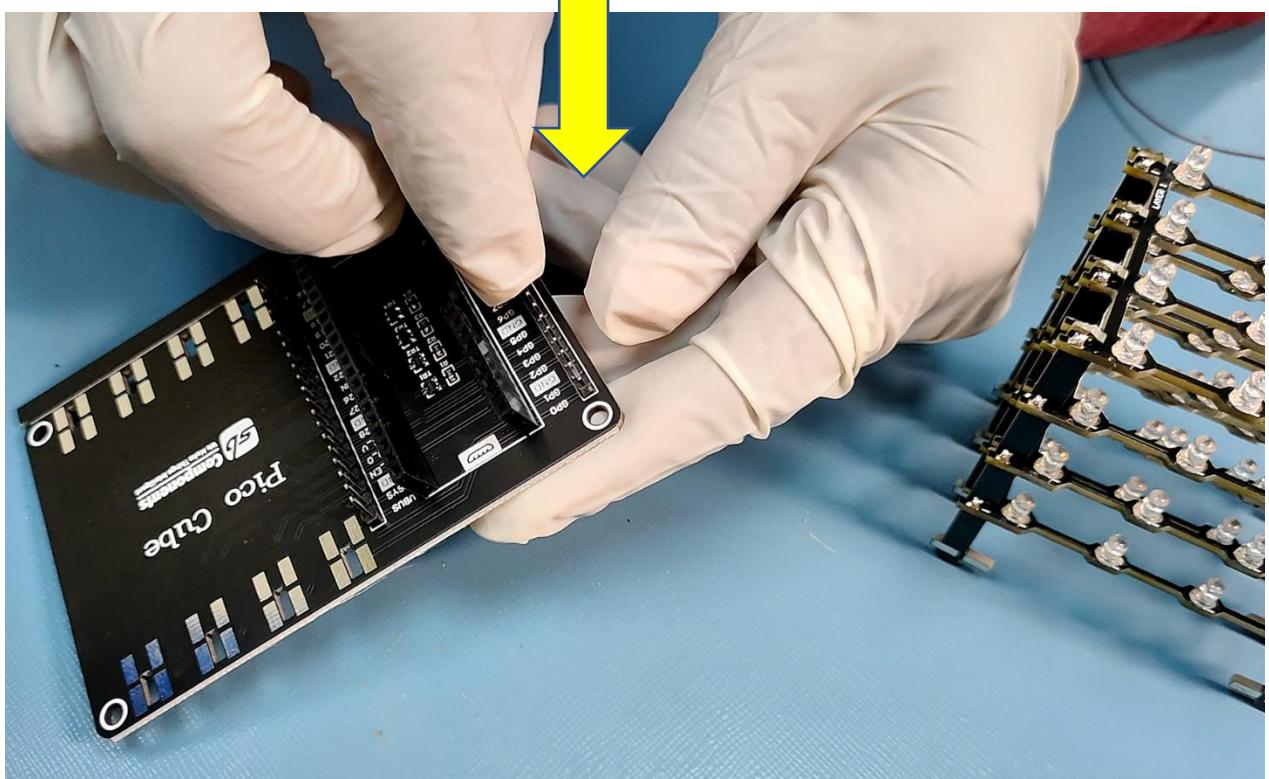
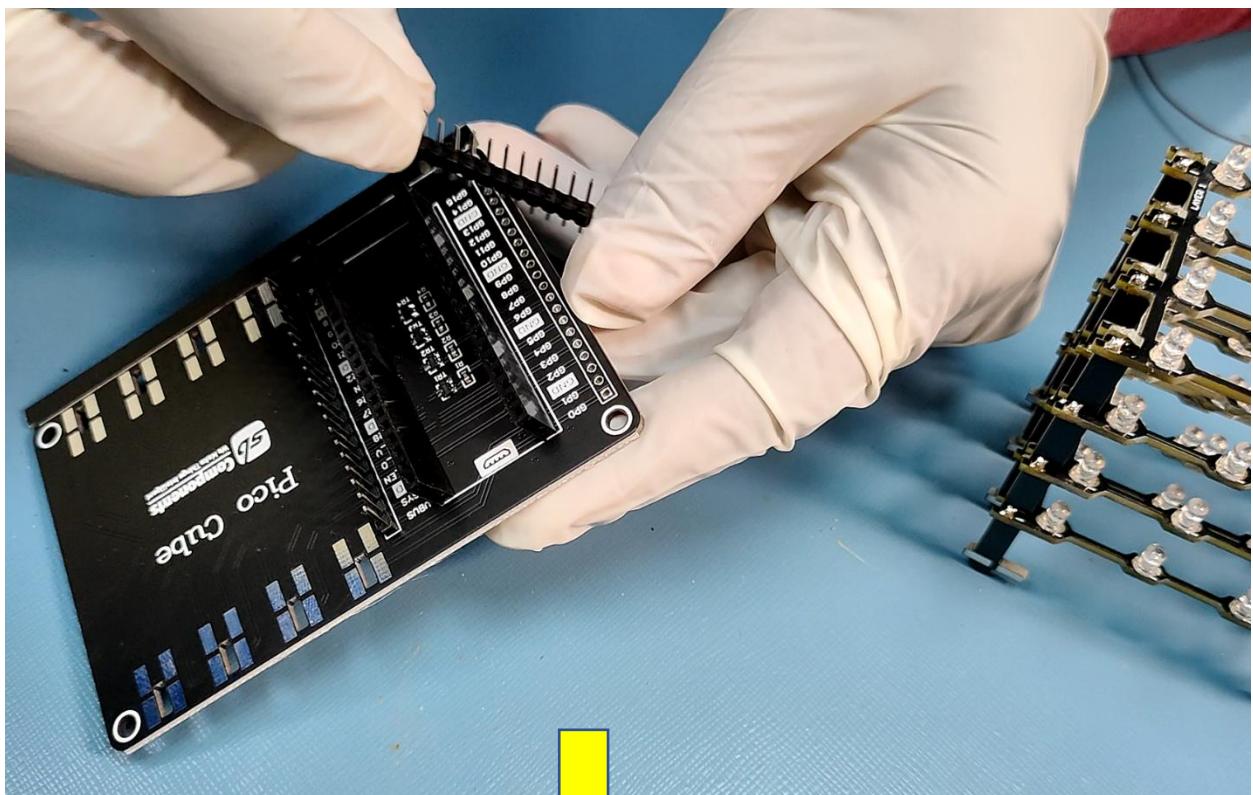
LED cube is now completed

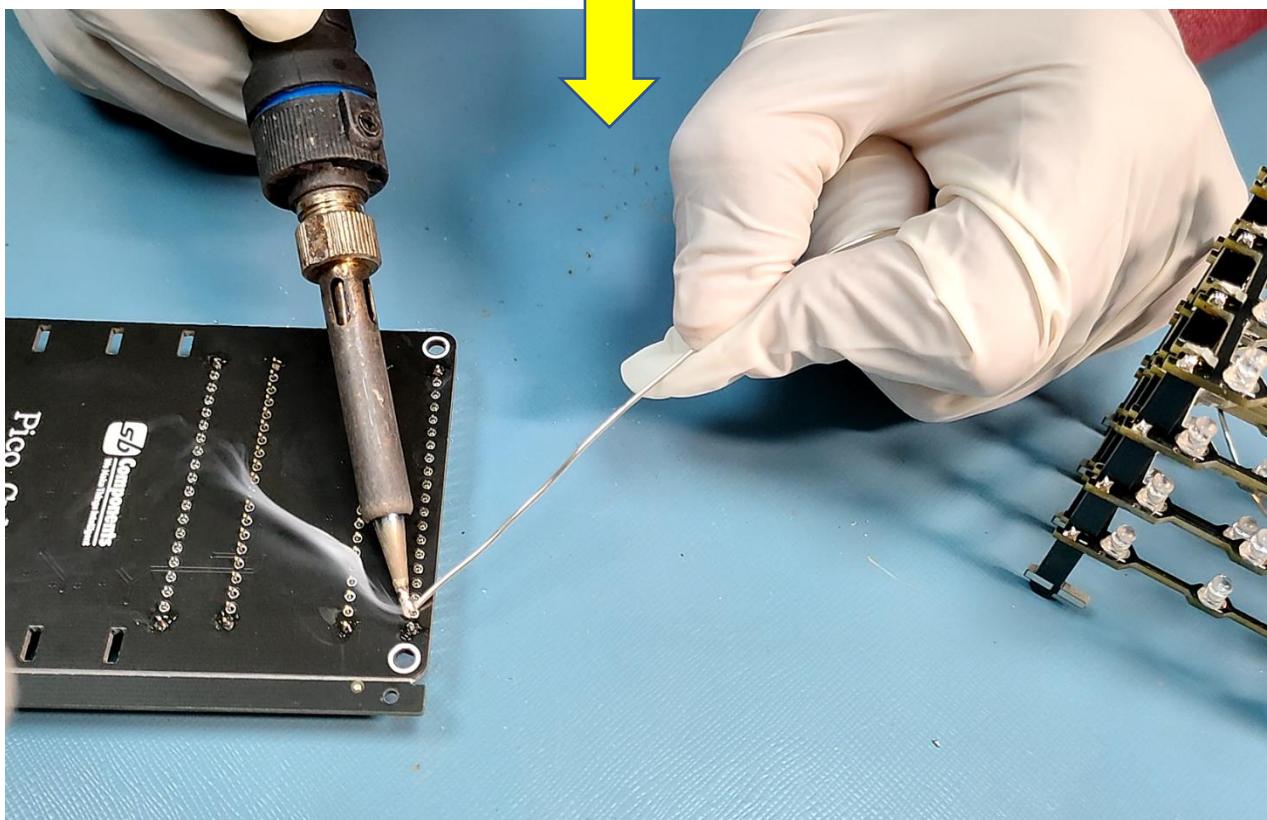
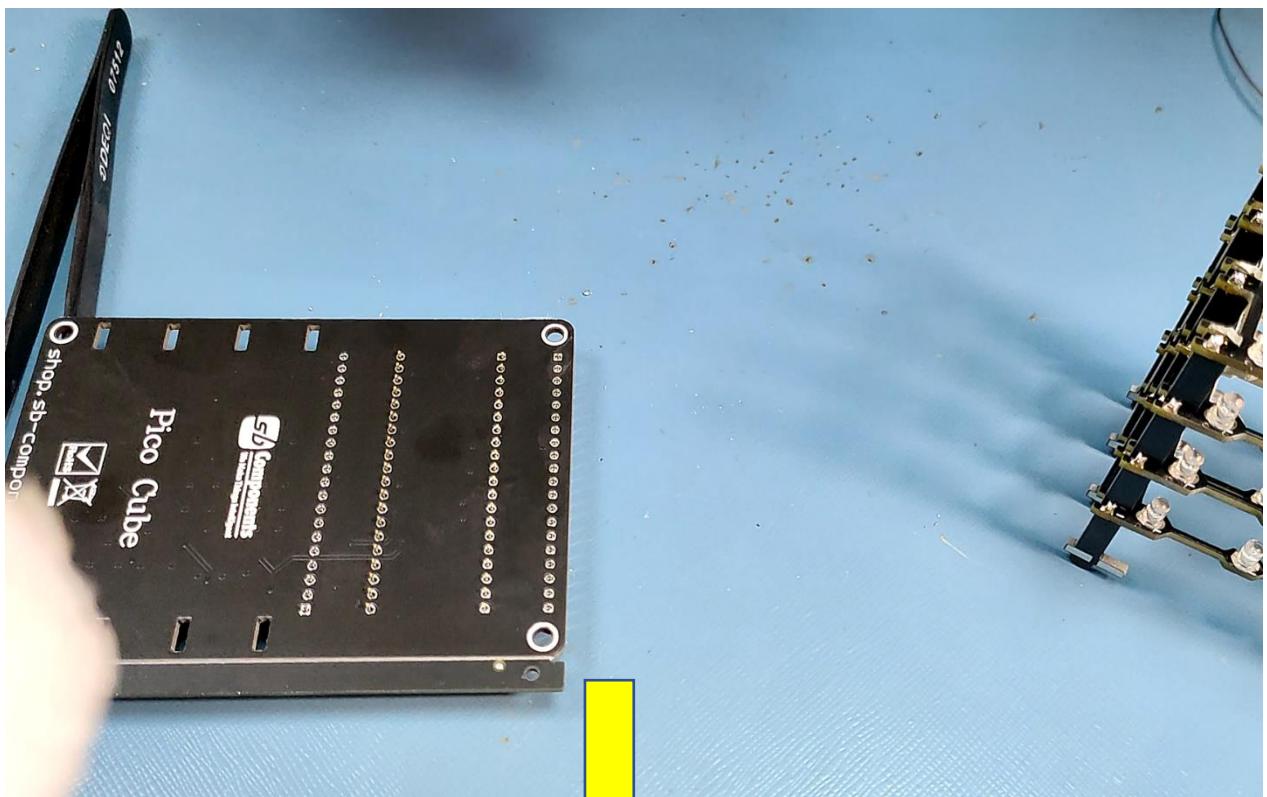
**2.3 – Now solder the whole cube at the top of the Pico cube base (solder the header pins on the board), soldering points is given at the base PCB**

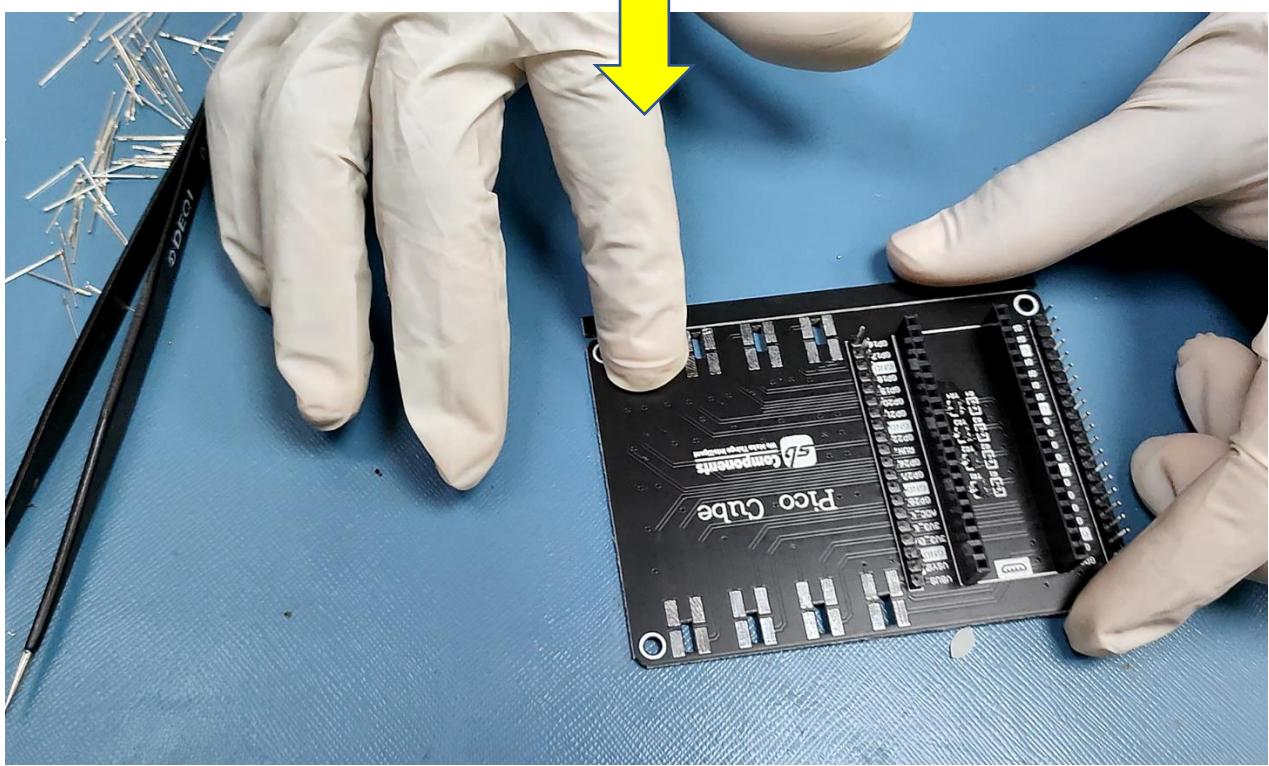
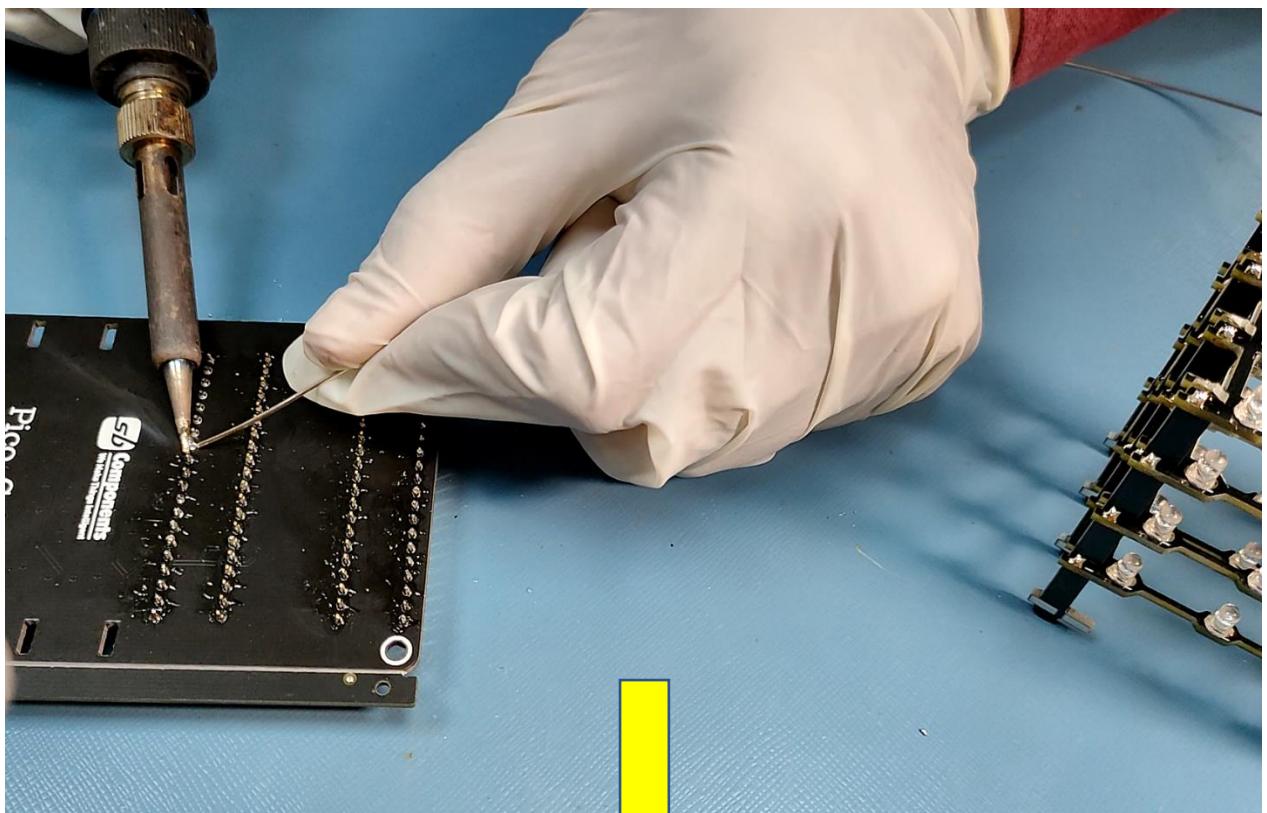


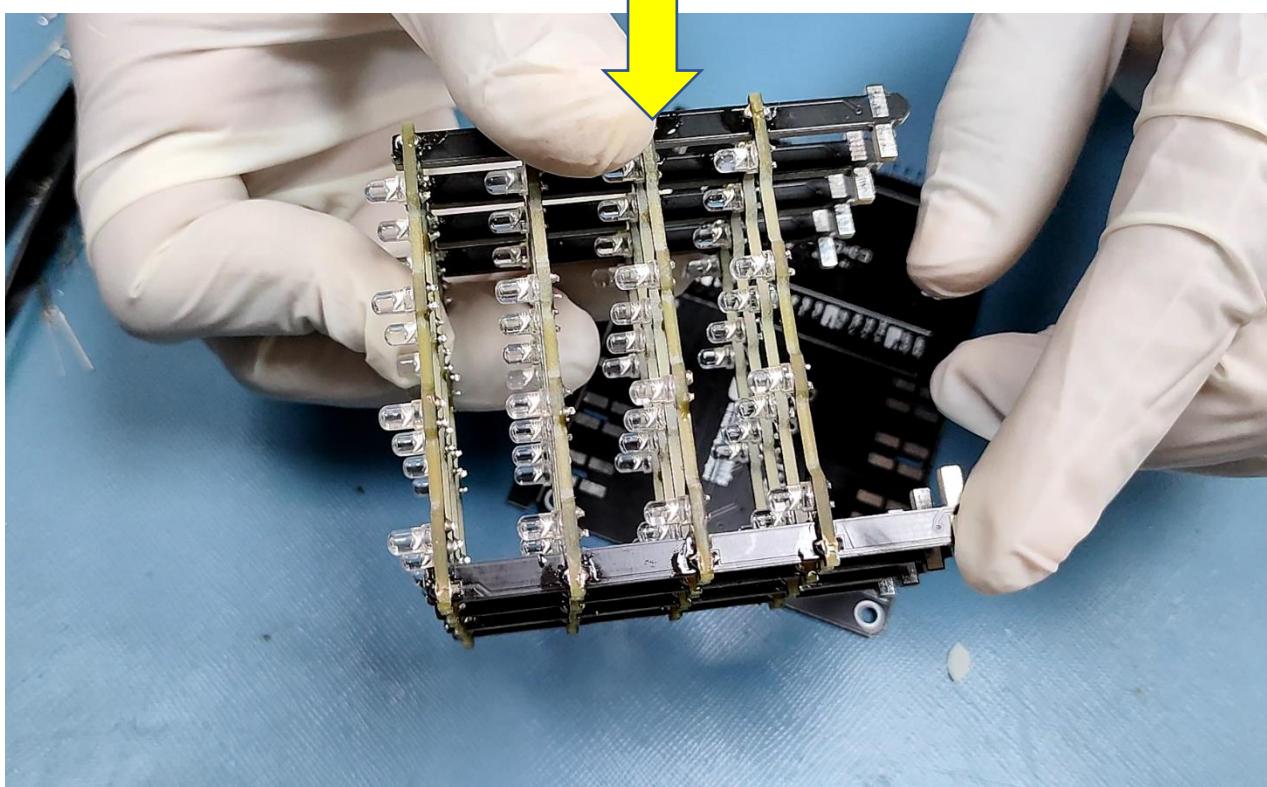
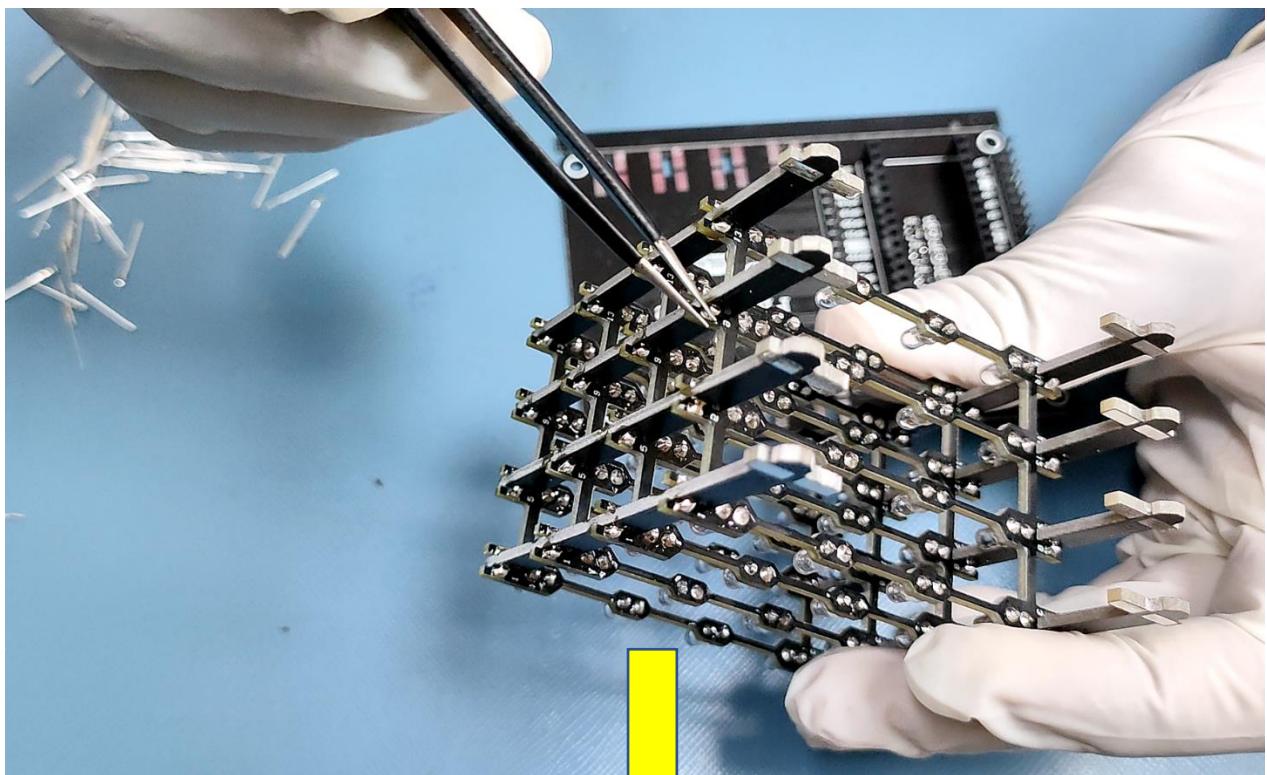


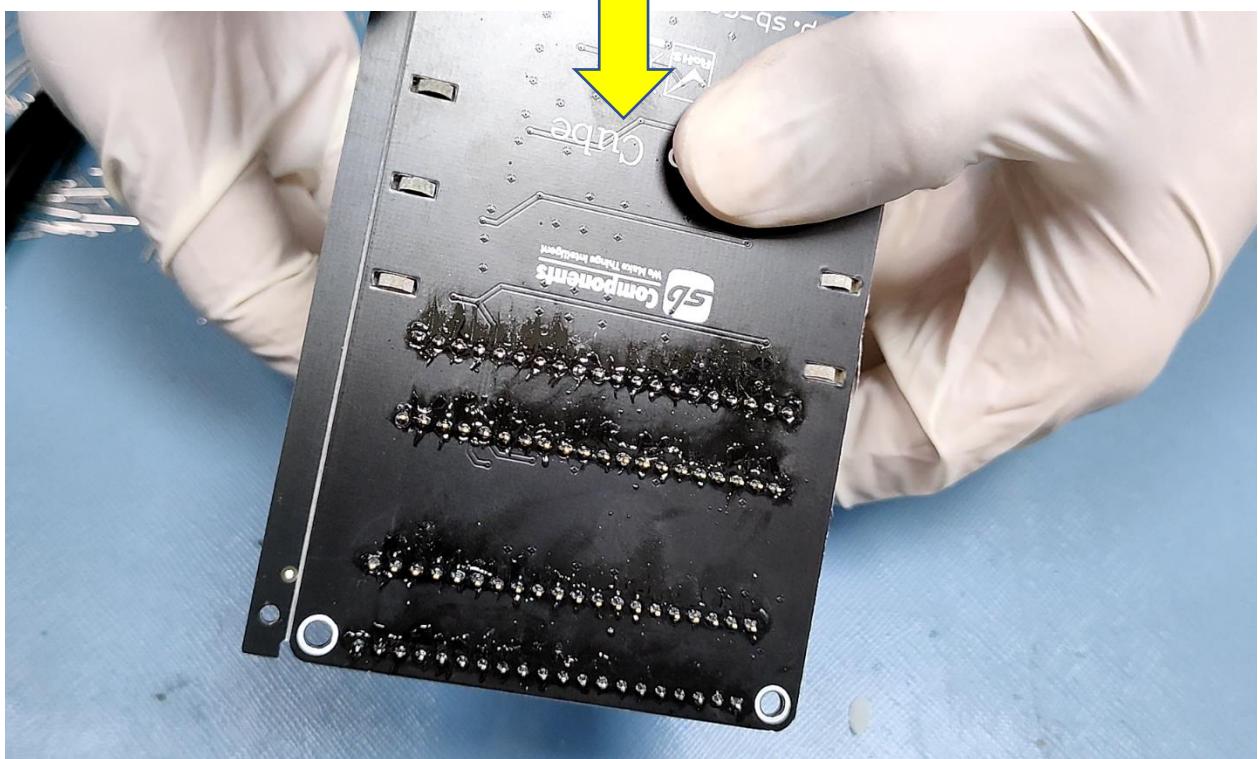
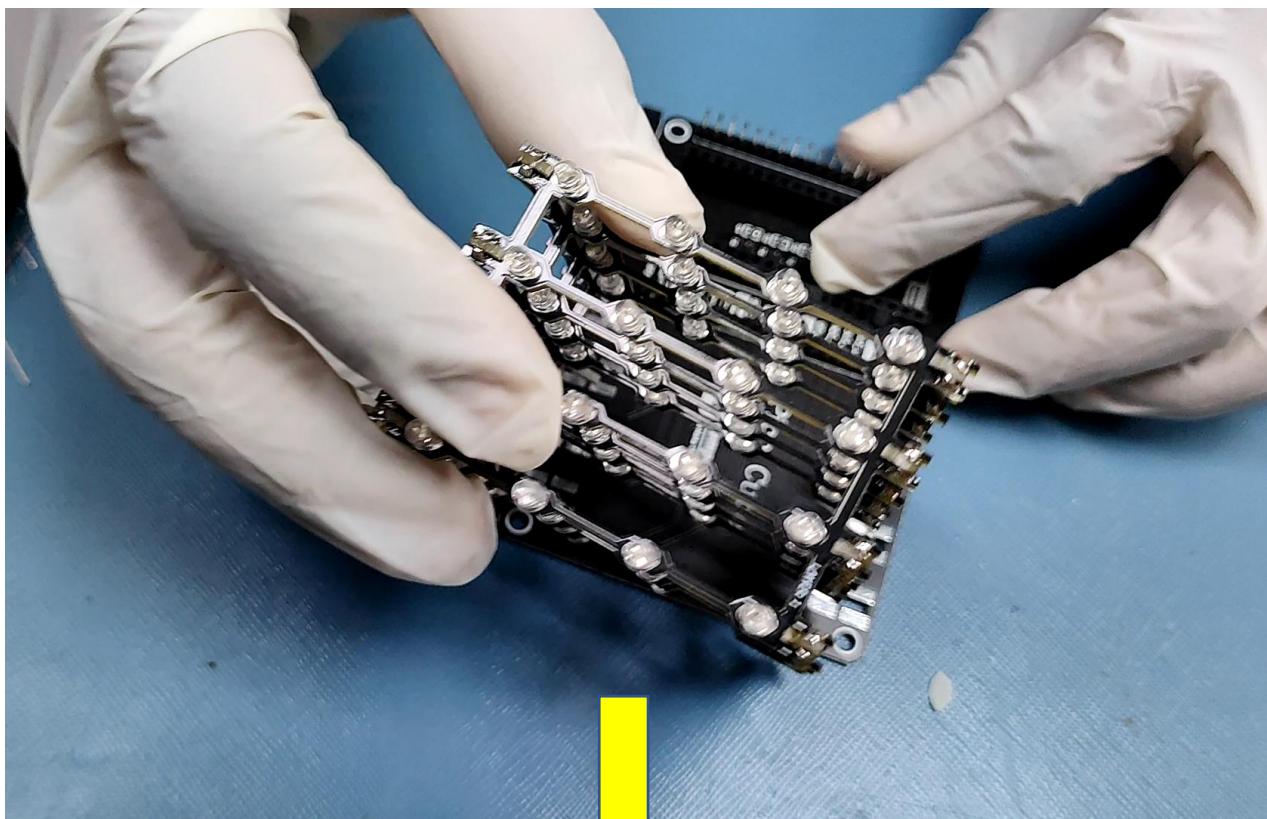


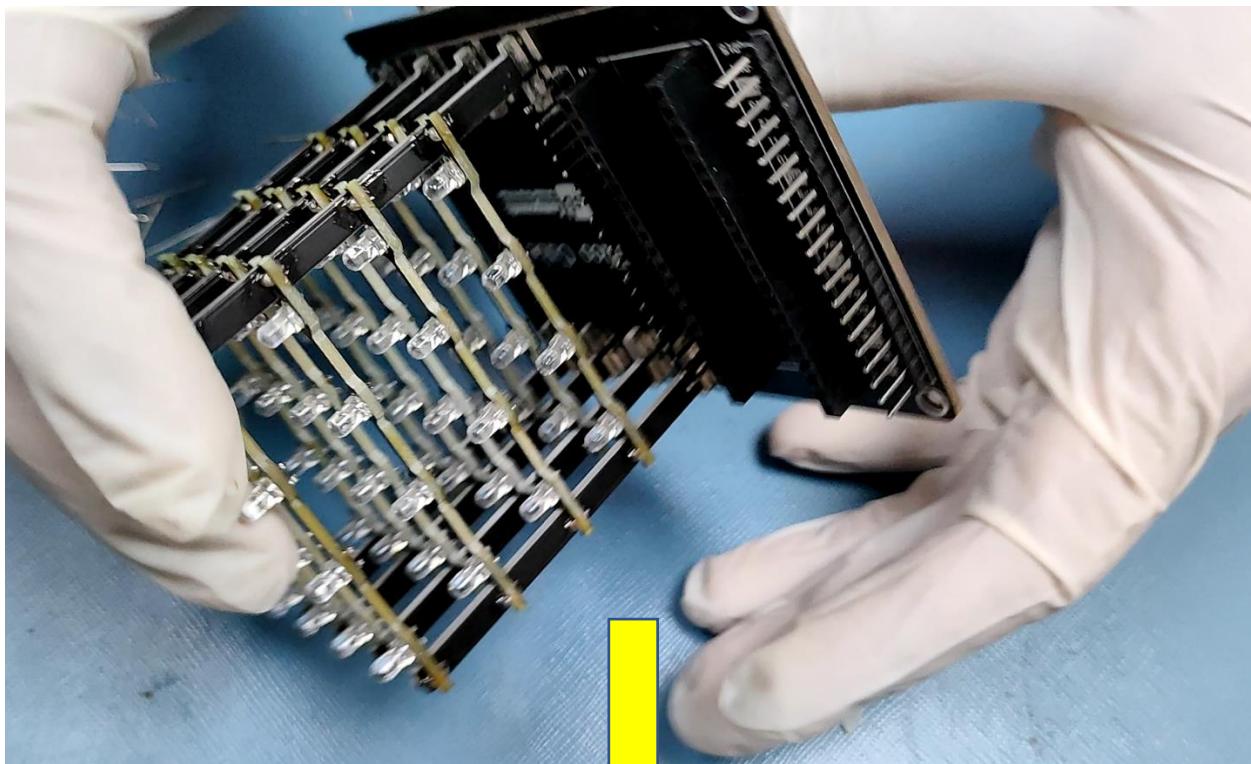


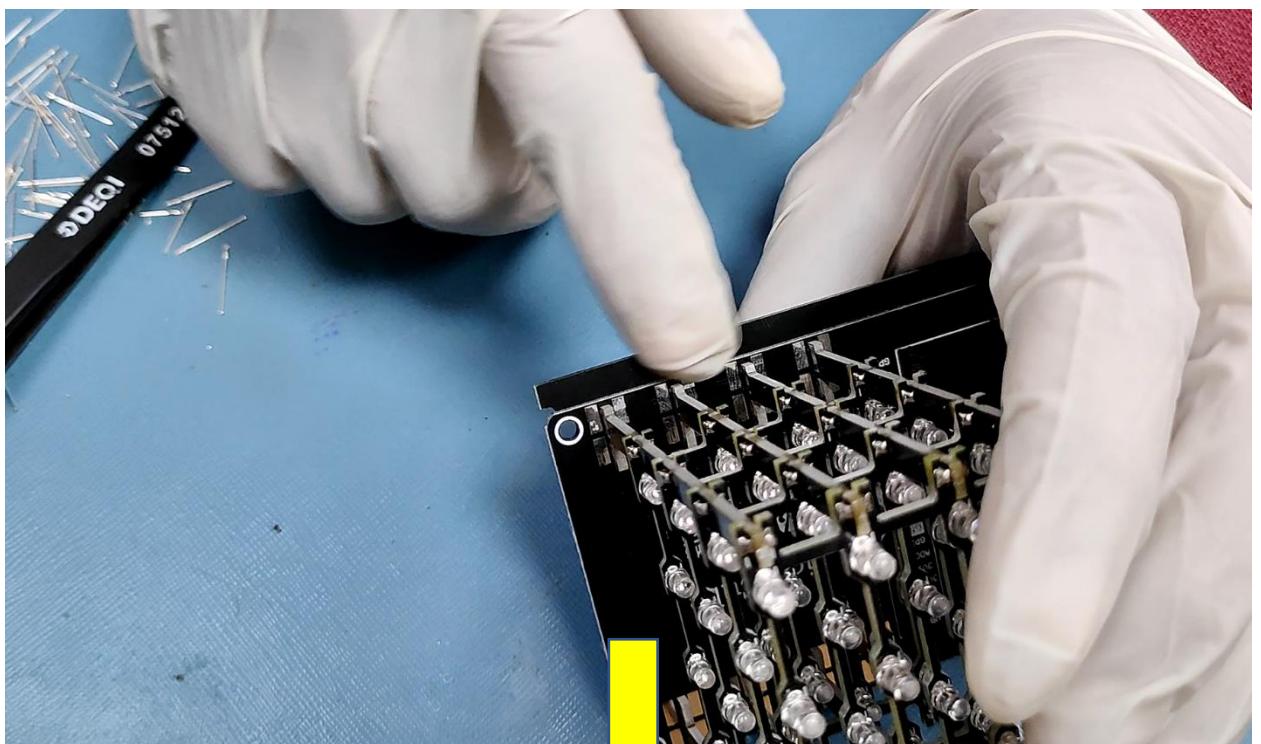
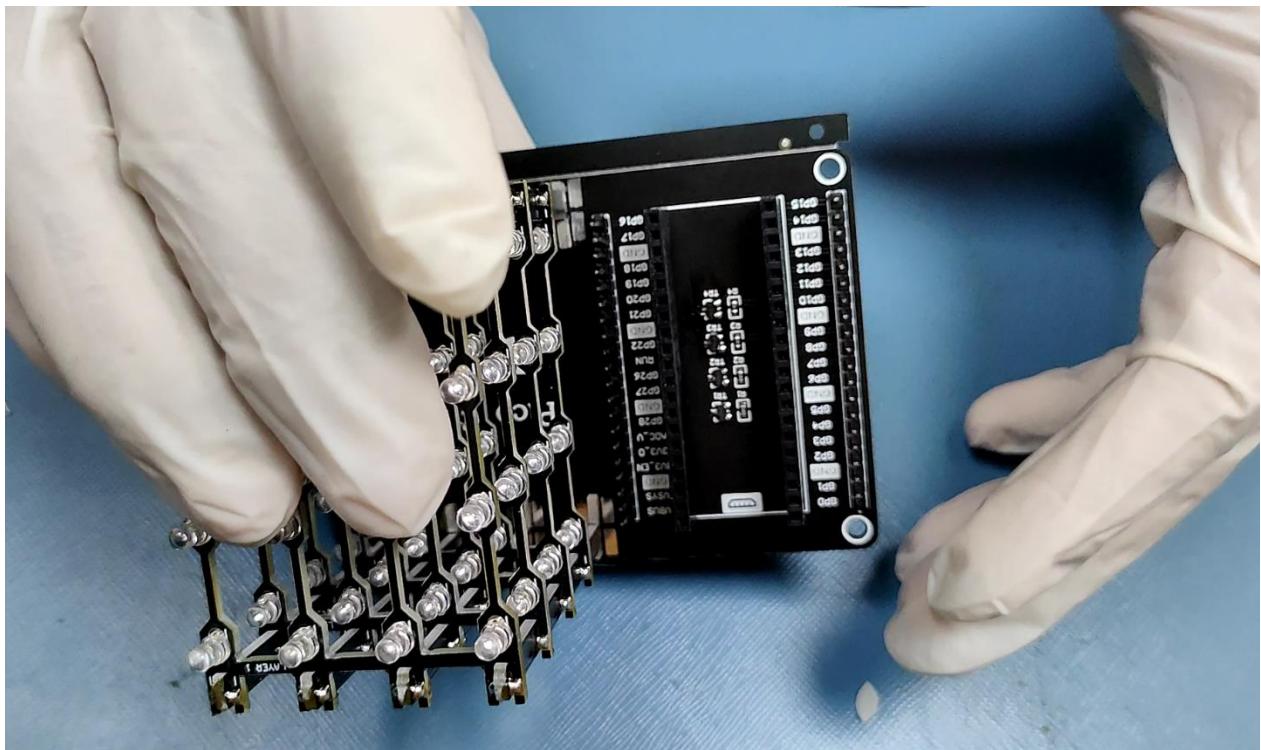


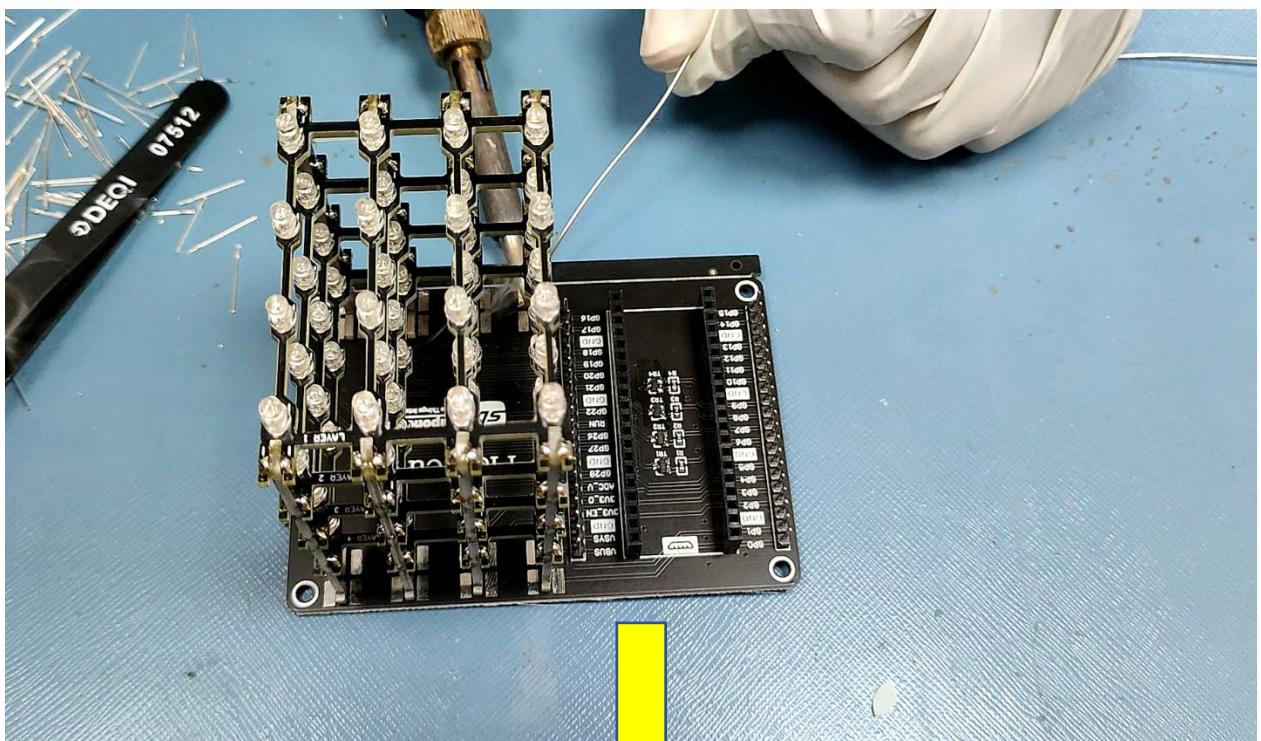
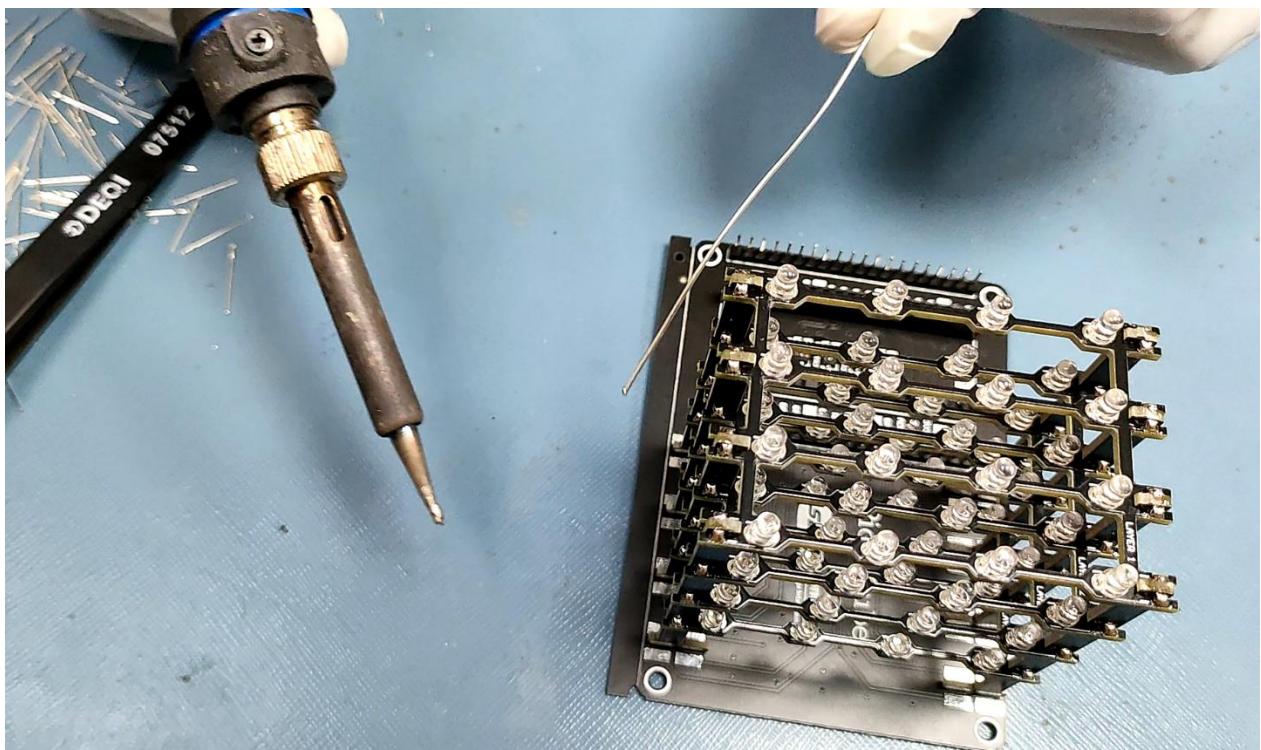


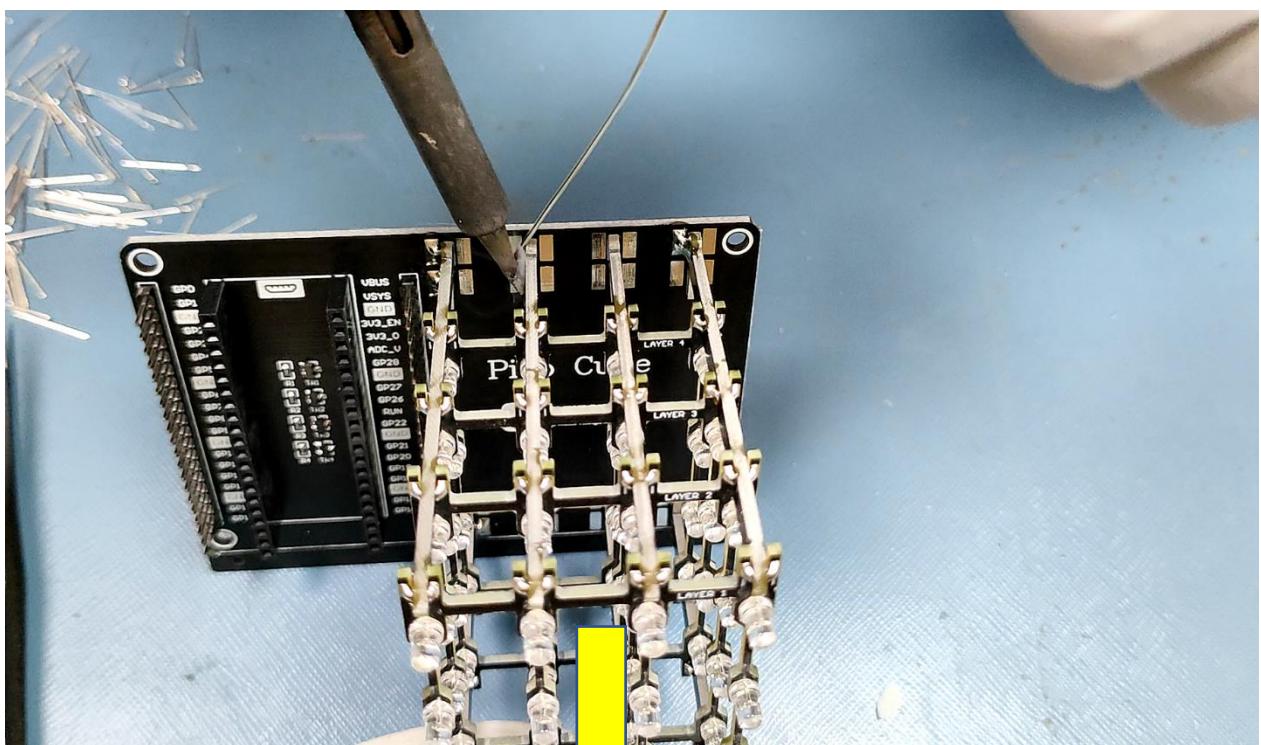
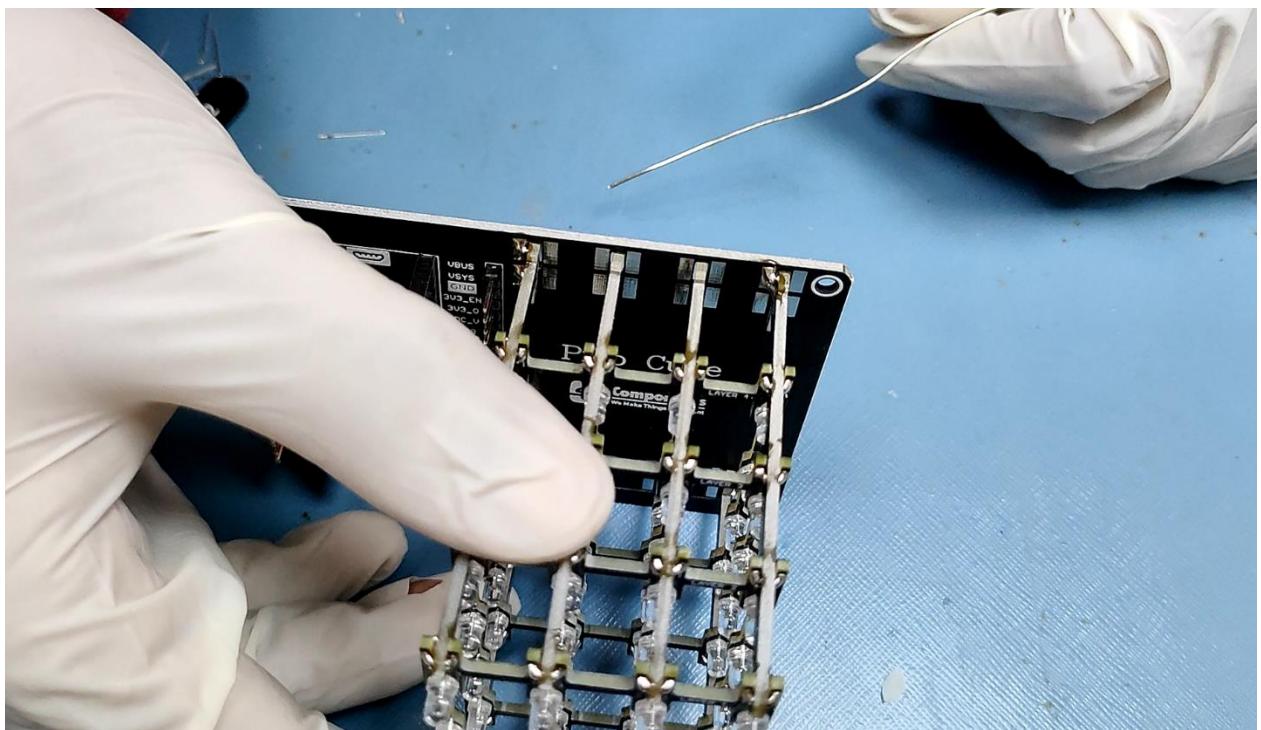


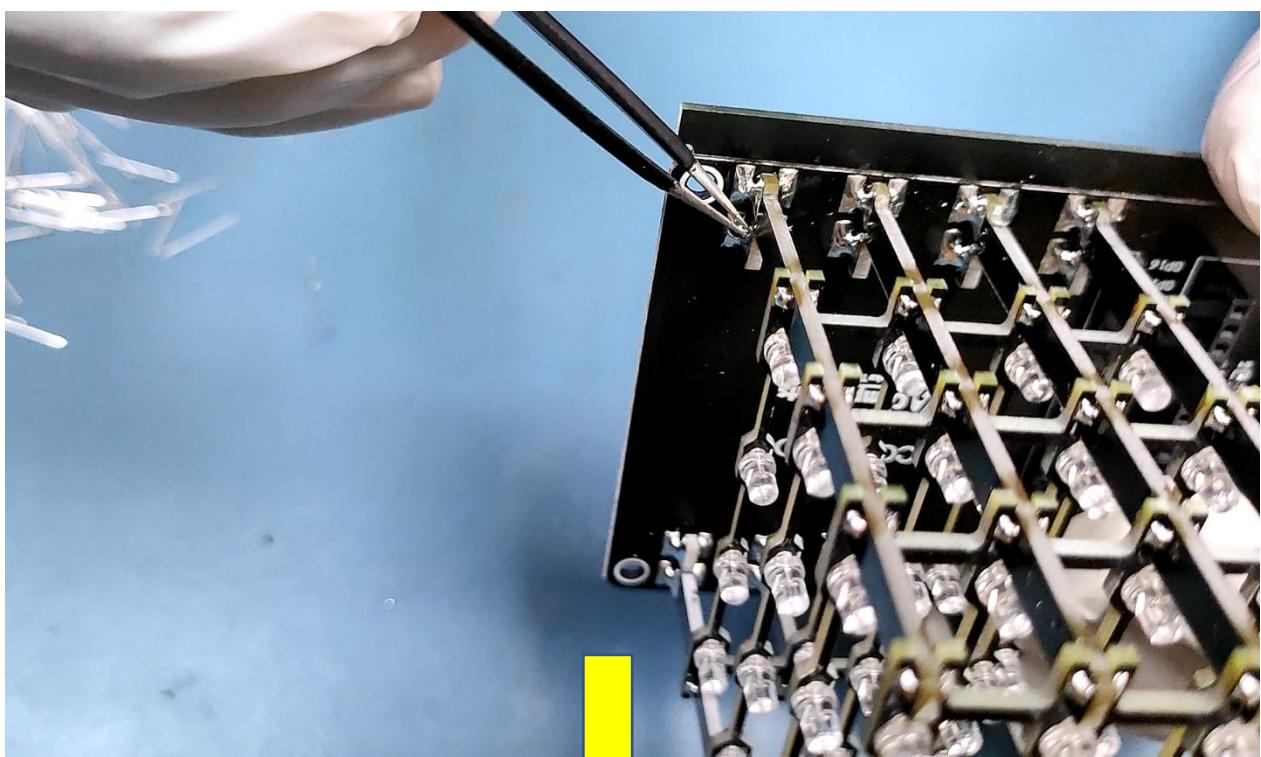
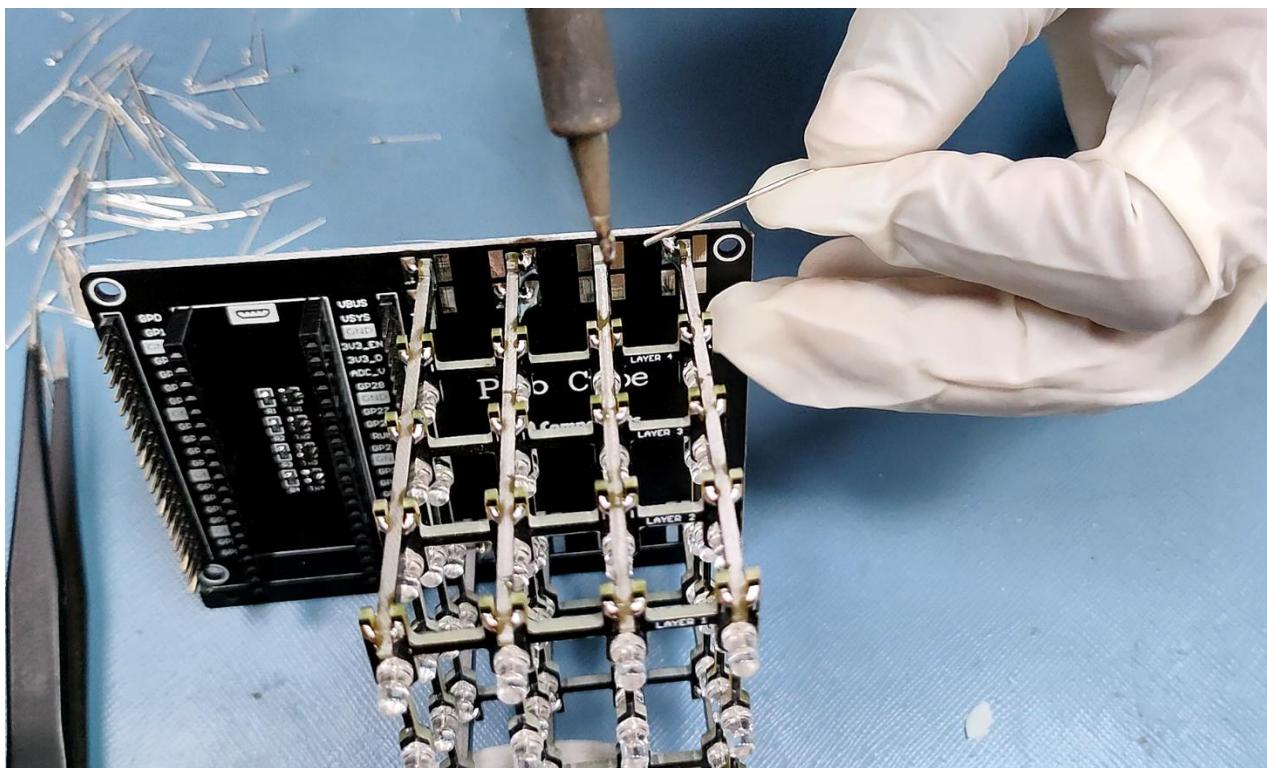


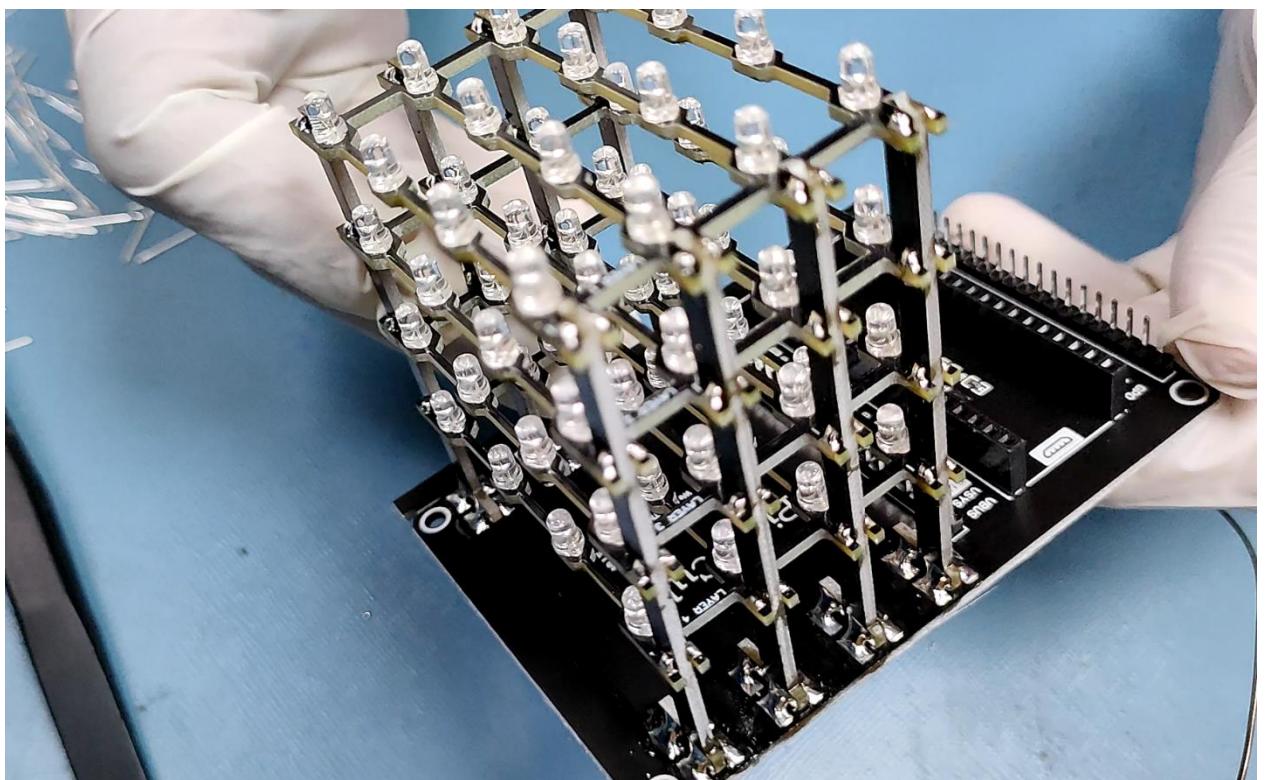
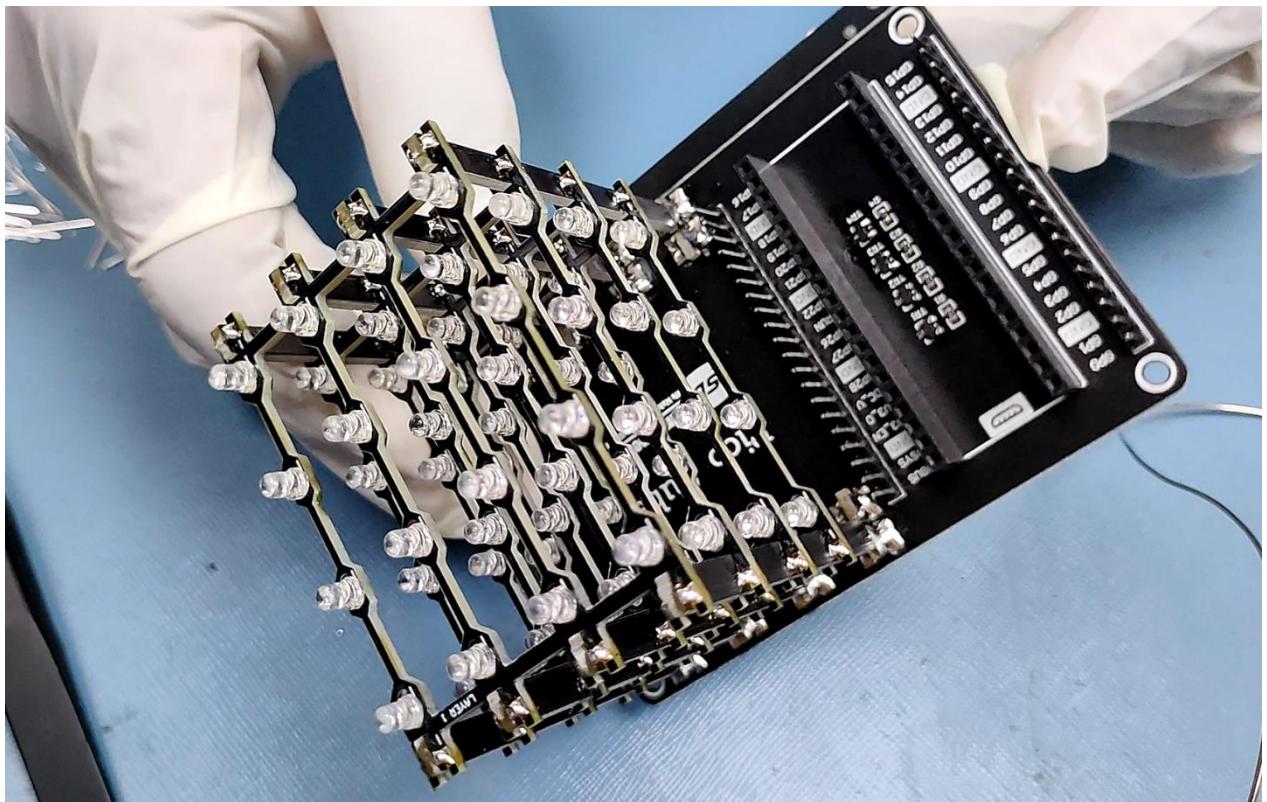












- All the parts are soldered now.

## Working Piece

