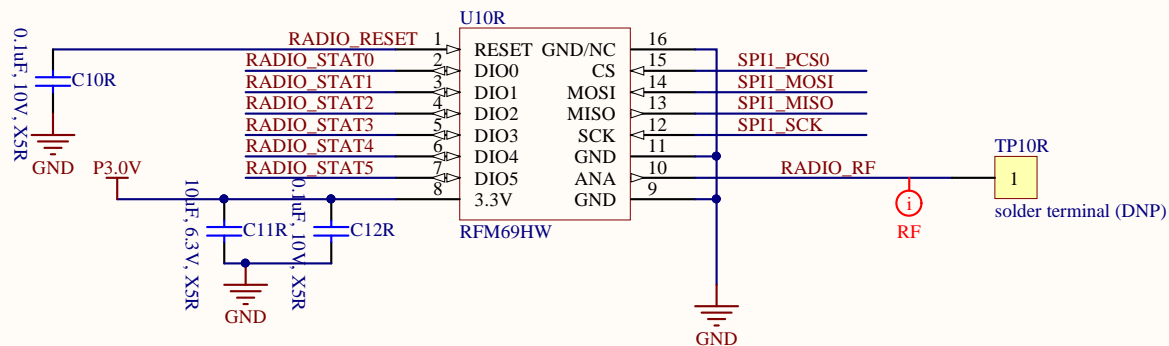


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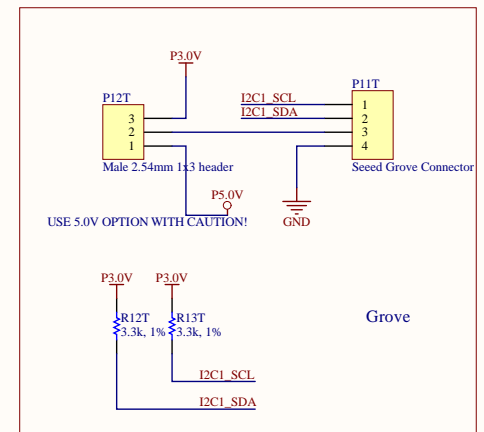
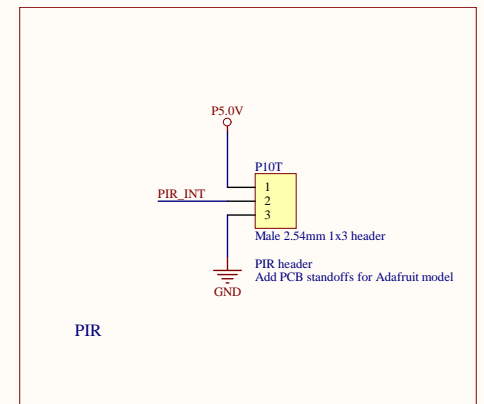
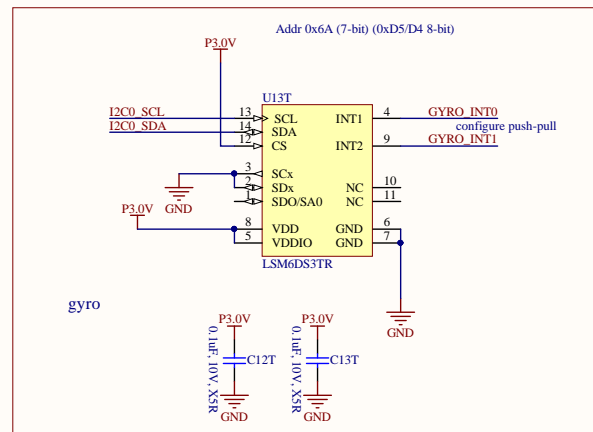
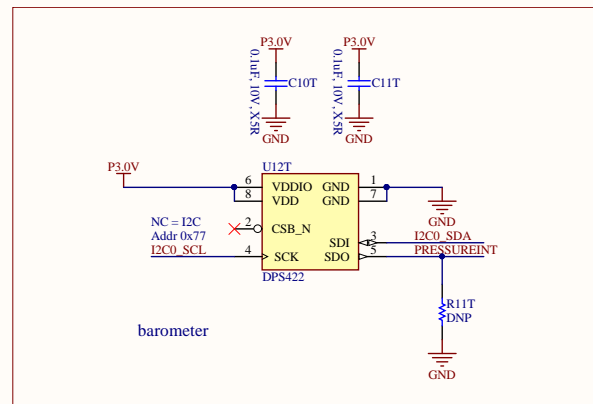
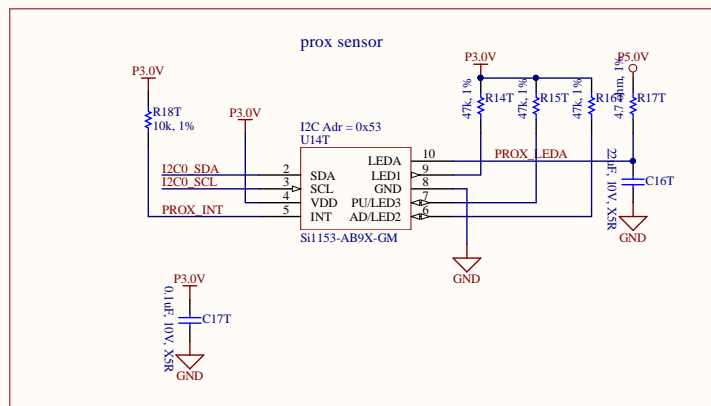
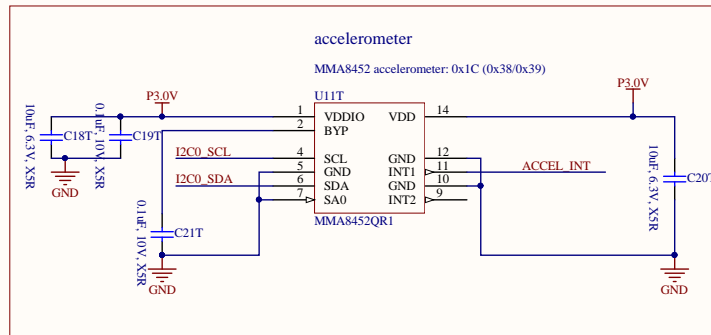
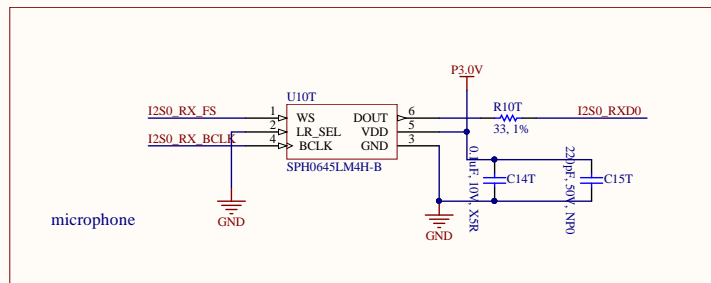
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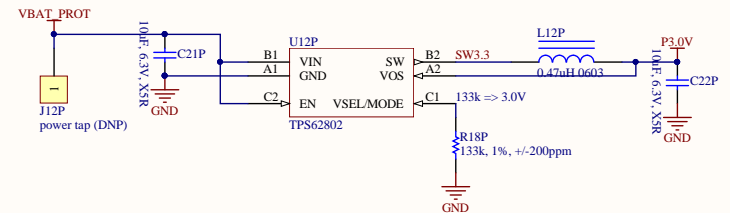
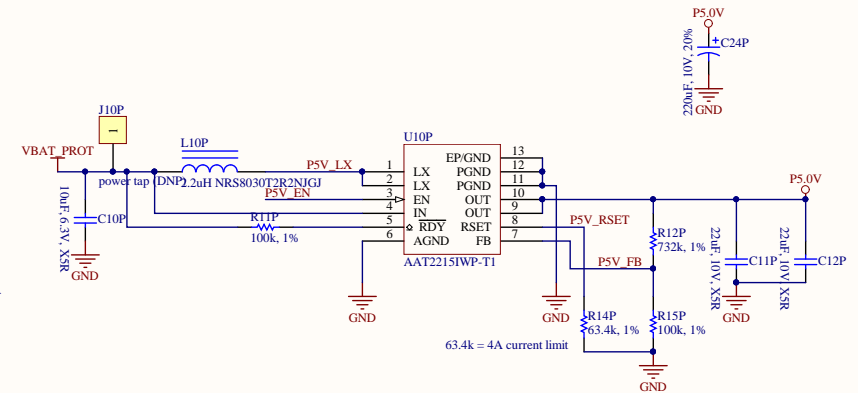
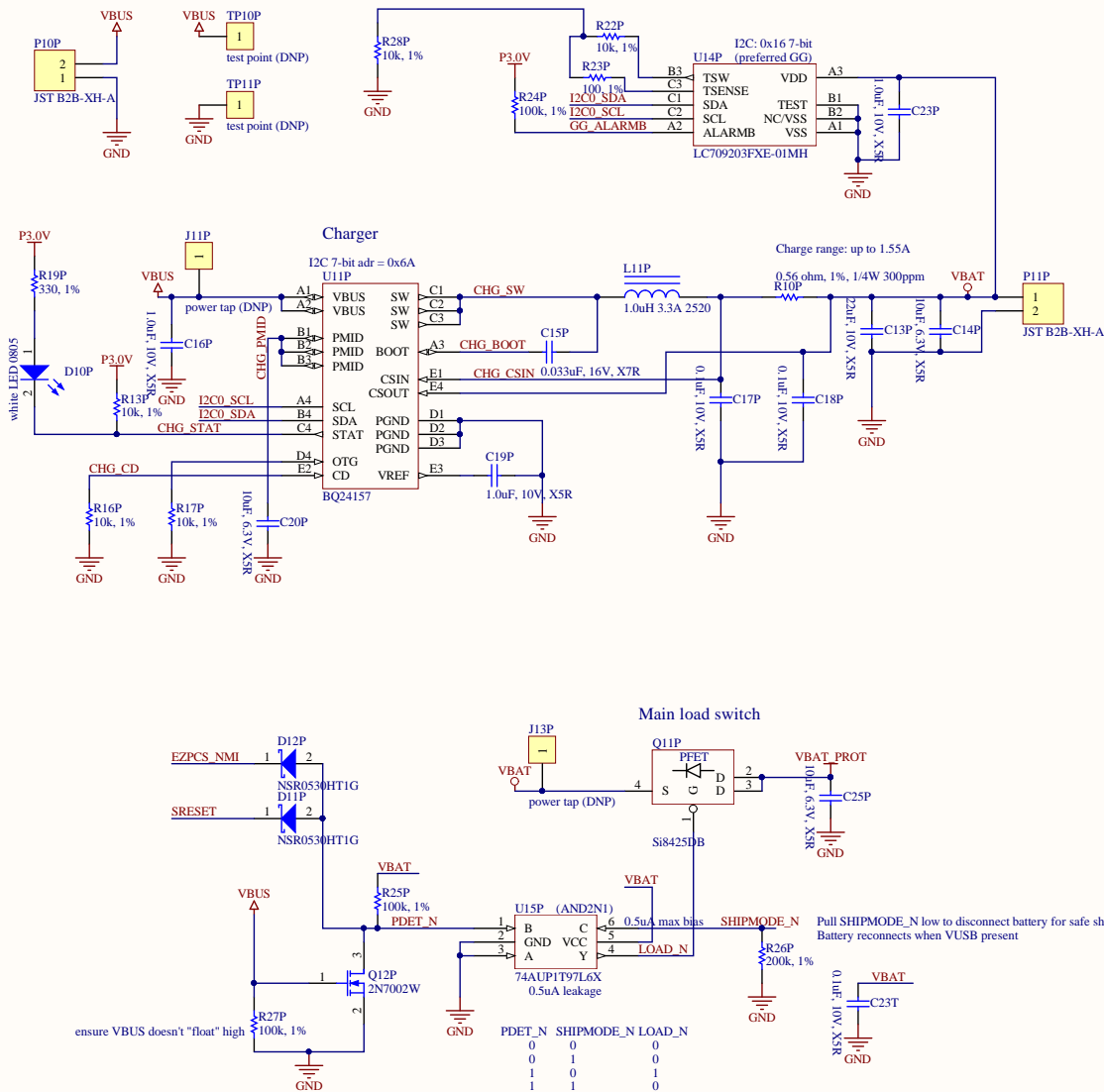


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Cube Garden Controller			
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Date: 4/17/2019	Sheet		of
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3.0V Switcher (1A max)

0.5mA captouch  
27mA max CPU  
130mA radio @ 20dBm TX  
100mA for SD card

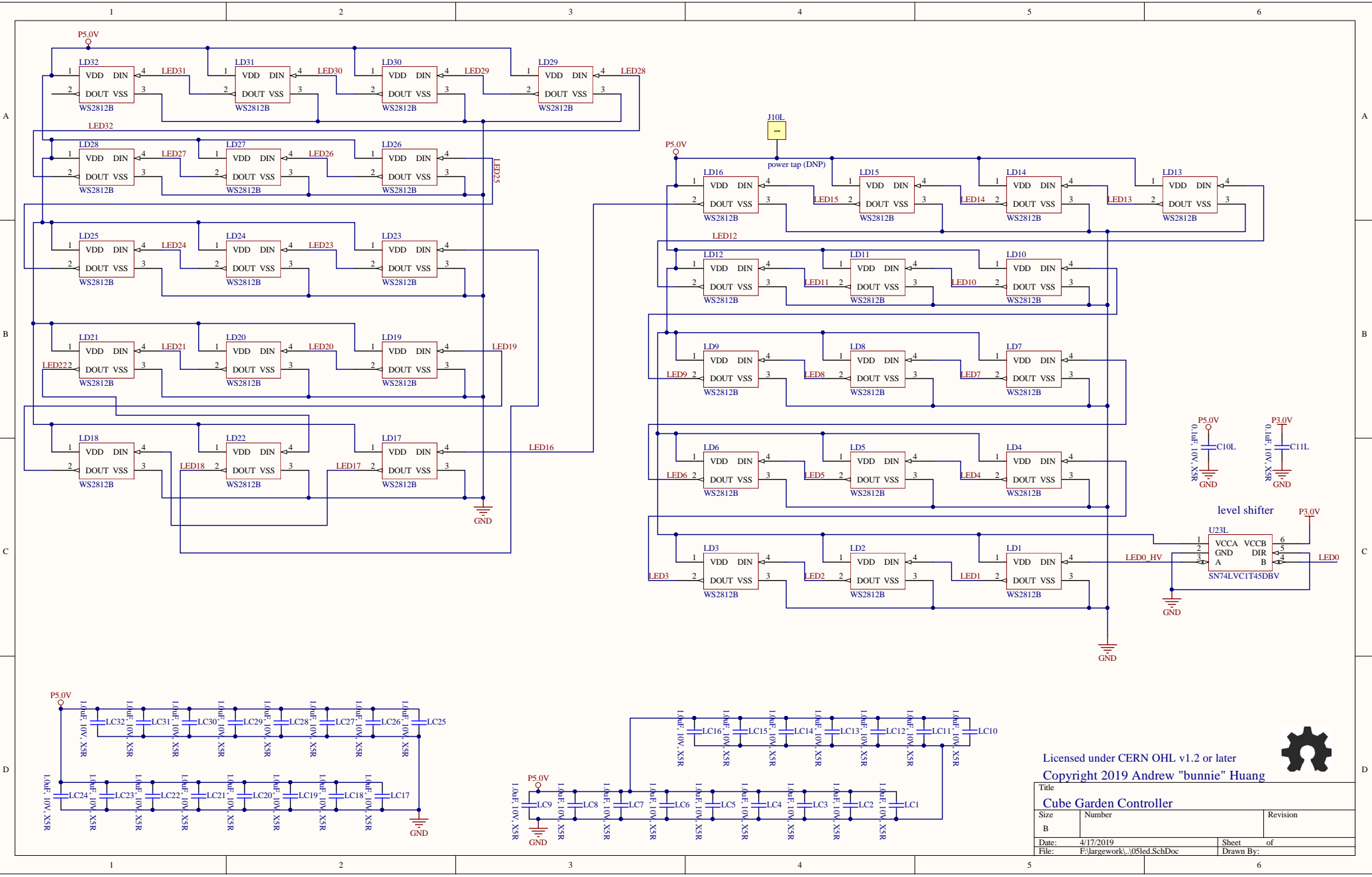
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# Cube Garden Controller

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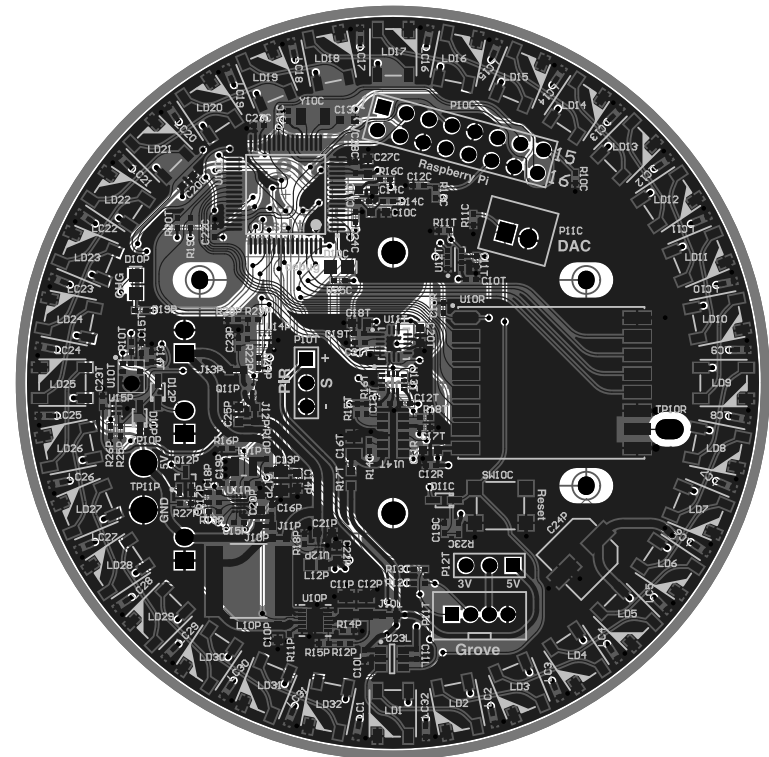
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Title		
Cube Garden Controller		
Size	Number	Revision
B		
Date:	4/17/2019	Sheet of
File:	F:\largework\...\05led.SchDoc	Drawn By:



Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top silk (gray)				
2	Top Solder (White)	Solder Resist	0.010mm	3.5	
3	Top Layer	Copper	0.036mm		
4	Dielectric 1	FR-4	0.090mm	4.2	
5	Internal Plane 1	Copper	0.036mm		
6	Dielectric 2	FR-4	1.250mm	4.2	
7	Internal Plane 2	Copper	0.036mm		
8	Dielectric 3	FR-4	0.090mm	4.2	
9	Bottom Layer	Copper	0.036mm		
10	Bottom Solder (White)	Solder Resist	0.010mm	3.5	
11	Bottom silk (gray)				

Finish: immersion gold

Soldermask: White

Silkscreen: pantone 431C (dark gray)

Please suggest panelization into rectangular PCB for SMT processing