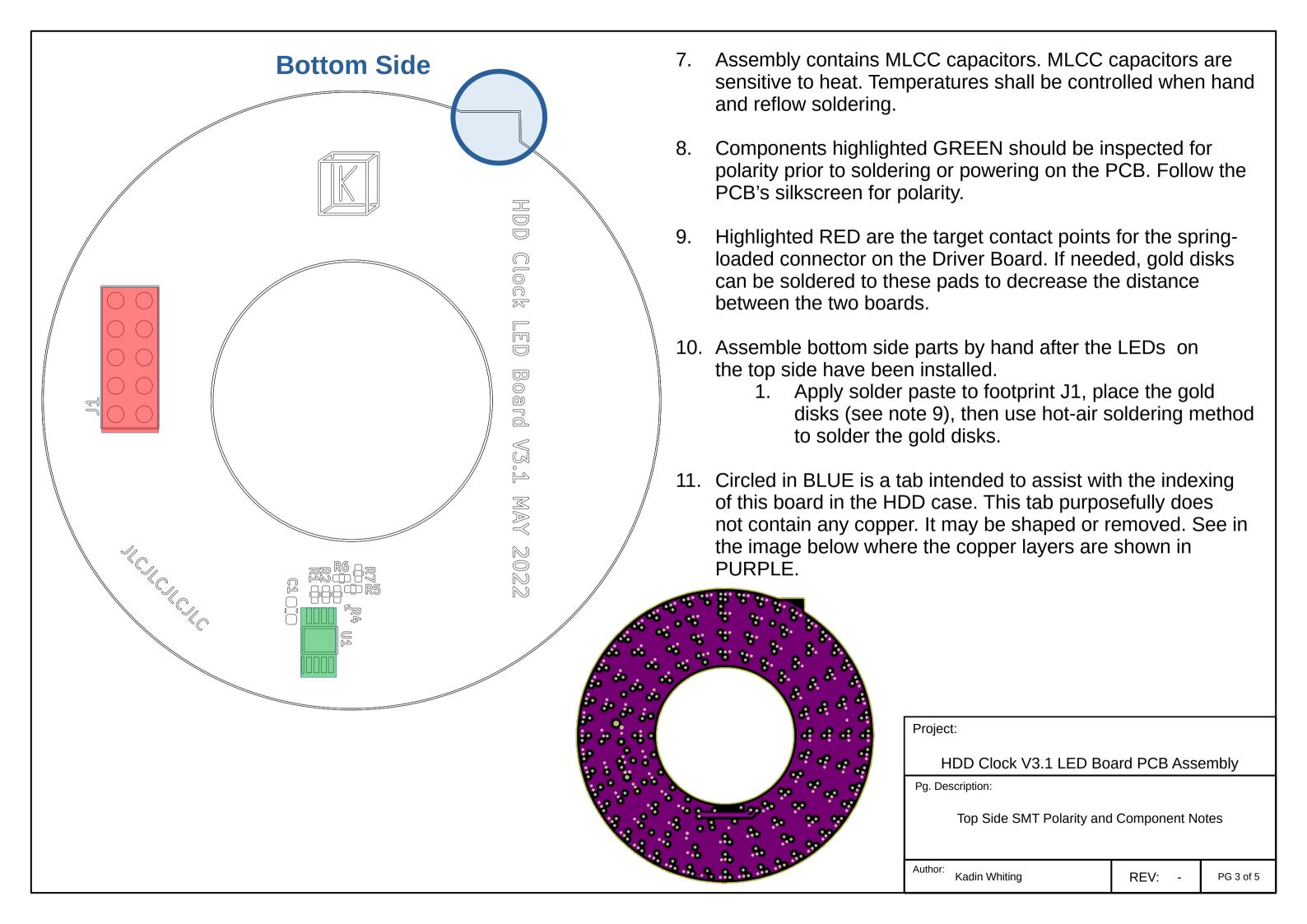


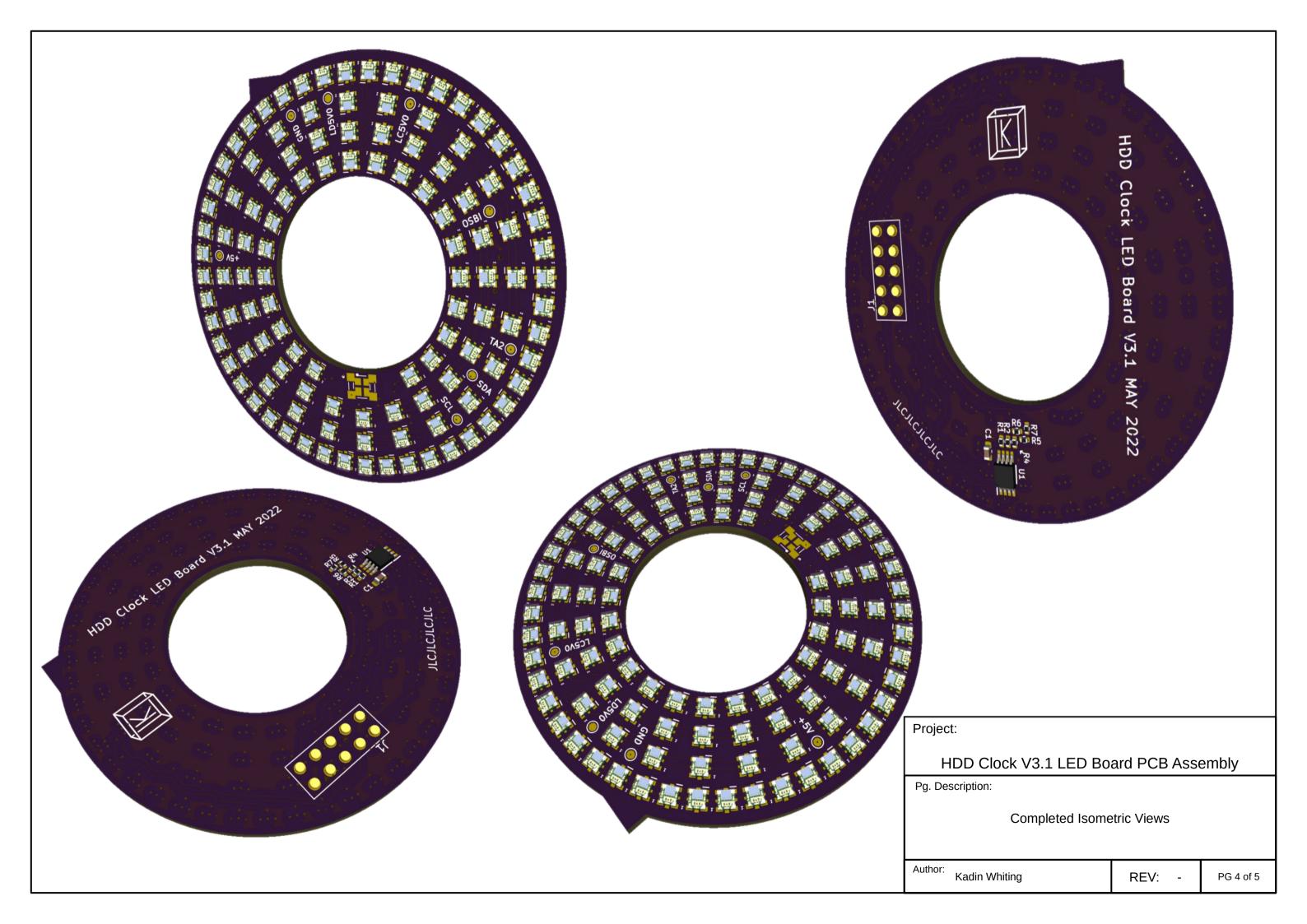
- 5. Shown to the left is the HDD Clock V3.0 LED Board Paste Jig with the LED board mounted inside. Load the LED board into the jig as shown for solder paste application. This jig can also be used to hold the PCB in place for component placement.
 - 1. A 3D printed jig is used for V3.1. It looks identical to the V3.0 jig.
- 6. Instructions to use this jig:
 - 1. Use tape to secure the HDD Clock V3.0 LED Board Paste Jig to a stable, flat surface.
 - 2. Place the HDD Clock V3.0 LED Board into the jig.
 - 3. Align the solder paste stencil to the pads on the PCB. Use tape to secure the solder stencil. The paste jig is about the same size as the ordered solder stencil
 - 4. Using an appropriate tool, apply solder paste to the PCB.
 - 5. Using tweezers, remove the HDD Clock V3.0 LED Board from the paste jig.

Project:	
HDD Cloc	ck V3.1 LED Board PCB Assembly
Pg. Description:	
	Top Side Solder Paste Jig

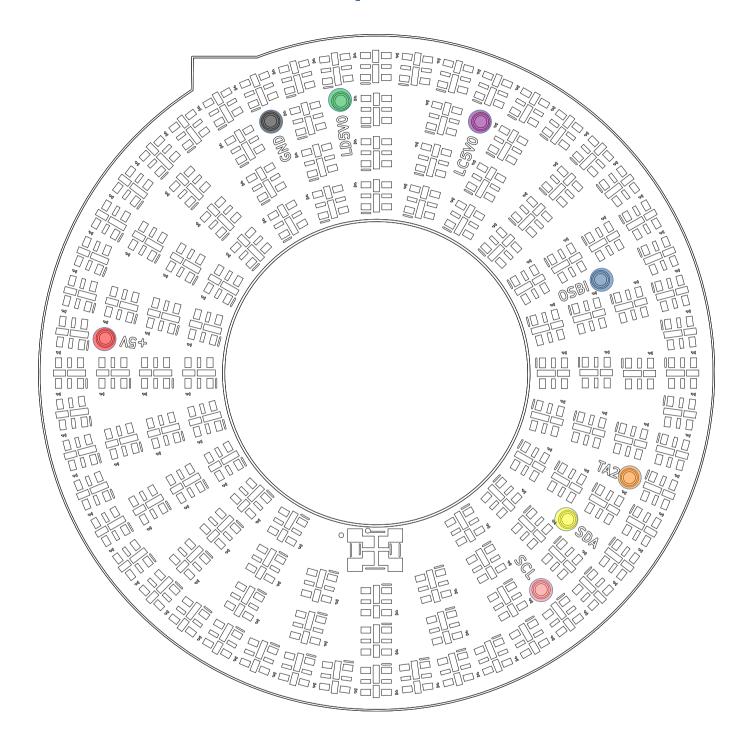
Kadin Whiting REV:

- PG 2 of 5





Top Side



- 12. Using a DMM check for shorts between all the highlighted test points prior to applying power to the PCB.
- 13. See the assembly drawing for the HDD POV Clock V4.0 Driver Board for the alignment test. Don't try the alignment test or mount this assembly into the HDD frame until no shorts are detected between the highlighted test points.

Project:			
HDD Clock V3.1 LED Board PCB Assembly			
Pg. Description:			
Check For Electrical Shorts			
Author: Kadin Whiting	REV: -	PG 5 of 5	