



v3.2.0  
Schematic:  
- Reannotated all component labels and reverted rescued schematic symbols.  
- Rearranged schematic and cleaned up component positioning.  
- Created Array.lib for array-relevant schematic symbols.  
- Swapped out zener diodes going into the uC from 3.6V to 3.9V.  
- Updated the LEDs and resistors for Xx\_live indicators.  
- Added Error indicator LED.  
- Shifted pins for voltage/current sensors to accommodate STLink UART2.  
- Added fuse on the array side.  
- Added unity gain filter to voltage sensors.  
- Errata: swapped 0.22uF and 10uF capacitors on CAN circuit to correct positions.

Layout:  
- Moved MPPT-PrimaryPCB.pretty for custom footprints.  
- Specified that board should be 2oz copper/ft.  
- Re-specified snubber circuit footprints.  
- Comprehensive redesign of layout.

v3.3.0  
Schematic:  
- BoM consolidated to JLCPCB.  
- BoM merged into schematic component fields.  
- Removed RC filters from voltage sensors.  
- Replaced MAX chip with LM358.  
- Downshifted 3.9V zeners to 3.3V.  
- Removed general purpose switching diodes.

Layout:  
- Moved footprints from MPPT-PrimaryPCB.pretty to Footprints.  
- Dropped copper weight down to 1oz/ft.  
- Places JLCPCB passives on same side.  
- Reduced power path area.  
- Moved sensor paths away from high power current path.  
- Stitching vias and secondary GND plane for thermal and EMI improvement.

