



- H1 Top Left Mounting Hole
- H2 Top Right Mounting Hole
- H3 Bottom Left Mounting Hole
- H4 Bottom Right Mounting Hole

Changes from 3.1+:-

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 accomodate 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:

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

Revised by Matthew Yu (2020)

UT Solar Vehicle Team

Sheet: /

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