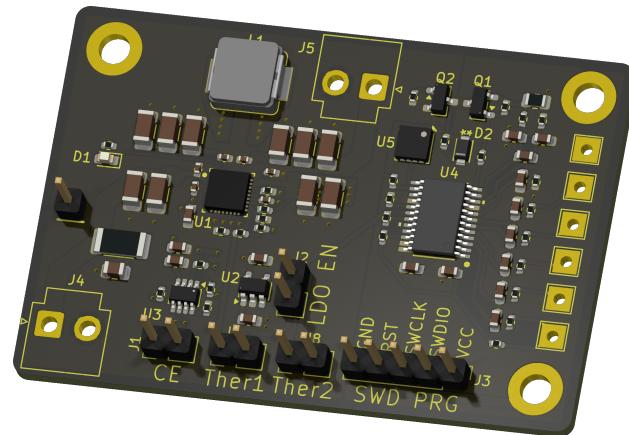


# Balanced Solar Charger Assembly Document

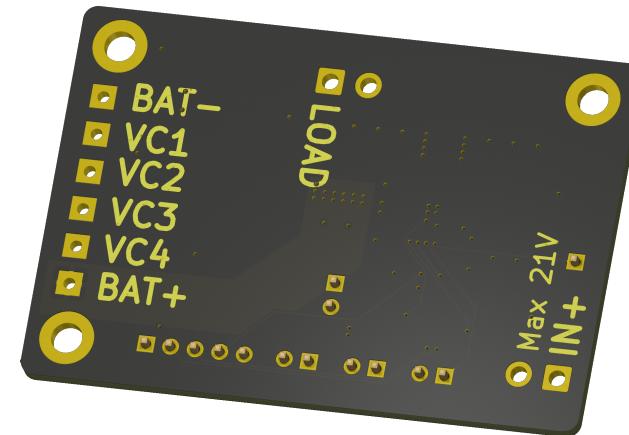
A

**Top View**



B

**Bottom View**



C

D

|  |  |   |                              |  |
|--|--|---|------------------------------|--|
|  | Comments:                                    | Company:<br>Electronic-Handyman             | Variant:<br>CHECKED          | Git Hash:<br>cc66a28                               |
|  | Board Name:<br><b>Balanced Solar Charger</b> |   |                              | Project Name:<br><b>Balanced Solar Charger</b>     |
|  | Sheet Title:<br>Top/Bottom View              | File Name:<br>solar_smart_station.kicad_pcb | Designer:<br>Nhan Duy Truong | Date:<br>2024-04-13<br>Revision:<br>+ (Unreleased) |
|  | Sheet Path:                                  |   | Reviewer:                    | Size:<br><b>A4</b><br>Sheet:<br><b>1 of 3</b>      |

# Balanced Solar Charger Assembly Document

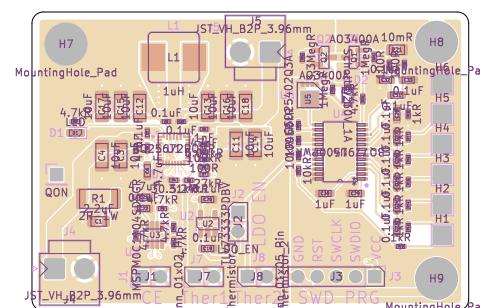
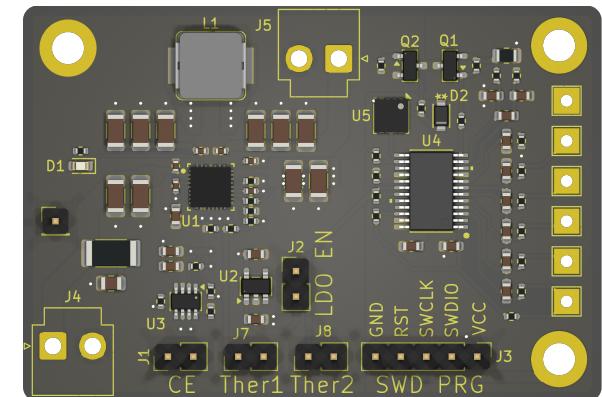
## Top Assembly (Scale 1:1)

### Components

| Type  | Front Side | Back Side | Total |
|-------|------------|-----------|-------|
| THT   | 7          | 0         | 7     |
| SMD   | 73         | 0         | 73    |
| Total | 80         | 0         | 80    |

#### ASSEMBLY NOTES (UNLESS OTHERWISE SPECIFIED)

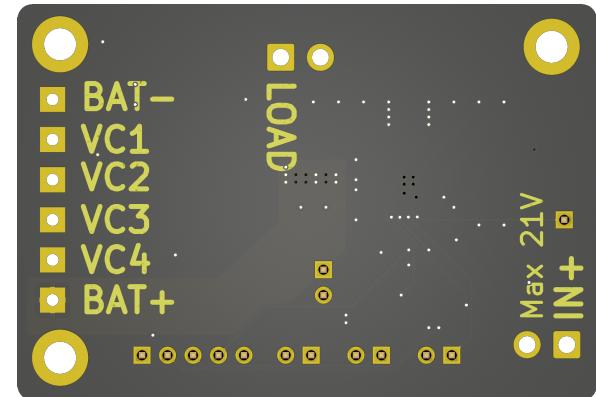
- 1) DO NOT POPULATE PARTS ARE MARKED WITH A RED CROSS.
- 2) DO NOT POPULATE PARTS ARE NOT PRESENT IN THE BOM.
- 3) IF CONFLICTING INFORMATION IS FOUND BETWEEN THE ASSEMBLY FILE AND BOM, BOM SHOULD BE USED AS THE MAIN SOURCE.
- 4) CONFORMAL COATING IS NOT REQUIRED.
- 5) DOT IDENTIFIES PIN #1 LOCATION AND DEVICE ORIENTATION WHEN VIEWED FROM THE TOP.



|  |  |                              |                         |
|--|--|------------------------------|-------------------------|
| Comments:                                    | Company:<br>Electronic-Handyman                | Variant:<br>CHECKED          | Git Hash:<br>cc66a28    |
| Board Name:<br><b>Balanced Solar Charger</b> | Project Name:<br><b>Balanced Solar Charger</b> |                              |                         |
| Sheet Title:<br>Top Assembly (Scale 1:1)     | File Name:<br>solar_smart_station.kicad_pcb    | Designer:<br>Nhan Duy Truong | Date:<br>2024-04-13     |
| Sheet Path:                                  | Reviewer:                                      | Size:<br><b>A4</b>           | Sheet:<br><b>2</b> of 3 |

# Balanced Solar Charger Assembly Document

**Bottom Assembly (Scale 1:1)**



|  |  |   |  |                         |
|--|--|---|--|-------------------------|
|  | Comments:                                    | Company:<br>Electronic-Handyman             | Variant:<br>CHECKED                            | Git Hash:<br>cc66a28    |
|  | Board Name:<br><b>Balanced Solar Charger</b> |   | Project Name:<br><b>Balanced Solar Charger</b> |                         |
|  | Sheet Title:<br>Bottom Assembly (Scale 1:1)  | File Name:<br>solar_smart_station.kicad_pcb | Designer:<br>Nhan Duy Truong                   | Date:<br>2024-04-13     |
|  | Sheet Path:                                  |   | Reviewer:                                      | Size:<br><b>A4</b>      |
|  |  |   |  | Sheet:<br><b>3</b> of 3 |