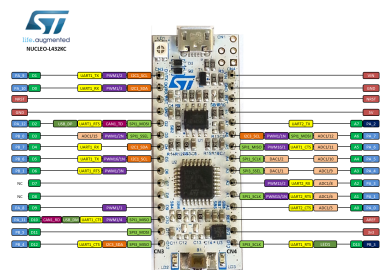
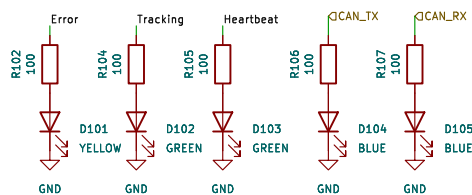


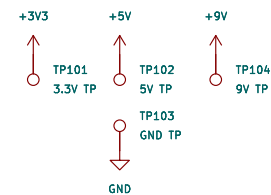
D2 and D10 are reserved for USB and CAN communication.
VIN can accept +7V–12V.



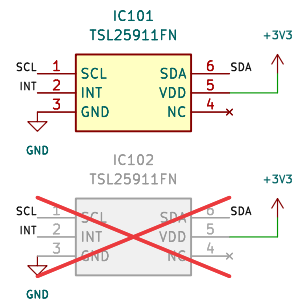
LEDs



Testpoints



Irradiance Sensor



Blackbody B

v0.2.0

Praise the sun. A sensing board that measures irradiance in a calibrated test setup.

Errata

v0.2.0

- Standardized schematic into hierarchical sheets
- Updated component listings
- Switched to M3 mounting holes
- Changed some distributors to JLCPCB
- Major layout changes to accomodate assembly constraints

Gary Hallock
Jacob Pustilnik
Matthew Yu
LHR Solar

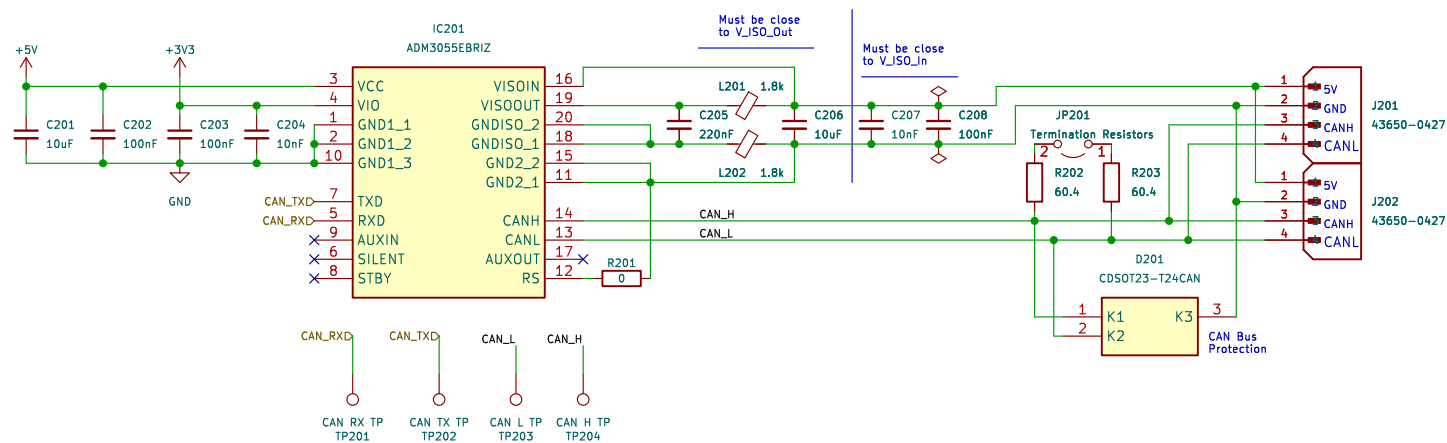
Sheet: /
File: blackbody_b.kicad_sch

Title: Blackbody B

Size: A4	Date: 2023-07-16
KiCad E.D.A. kicad 7.0.6-7.0.6~ubuntu22.04.1	

Rev: v0.2.0
Id: 1/2

CAN



Gary Hallock
Jacob Pustilnik
Matthew Yu

LHR Solar

Sheet: /comm_can/
File: comm_can.kicad_sch

Title: Blackbody B

Size: A4 Date: 2023-07-16
KiCad E.D.A. kicad 7.0.6-7.0.6-ubuntu22.04.1

Rev: v0.2.0
Id: 4/2