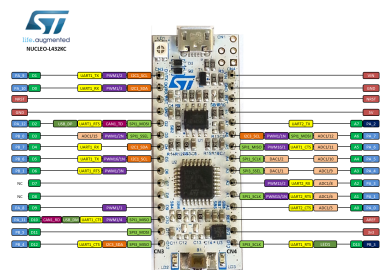
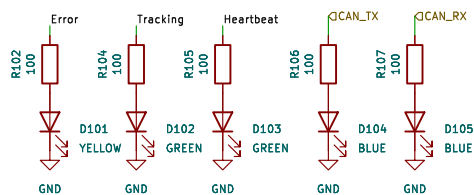


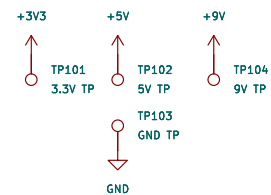
D2 and D10 are reserved for USB and CAN communication.  
VIN can accept +7V–12V.



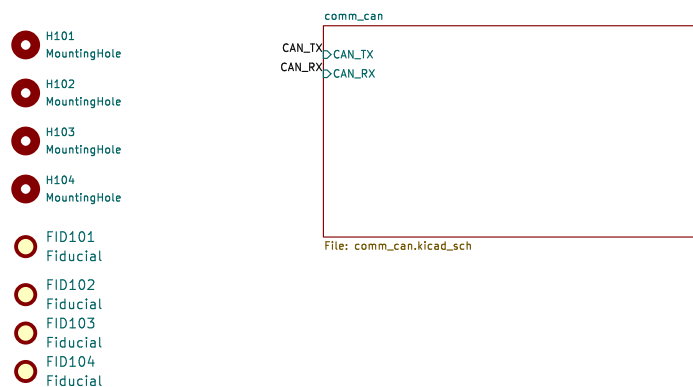
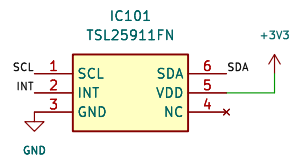
## LEDs



## 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

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Jacob Pustilnik  
Matthew Yu  
**LHR Solar**

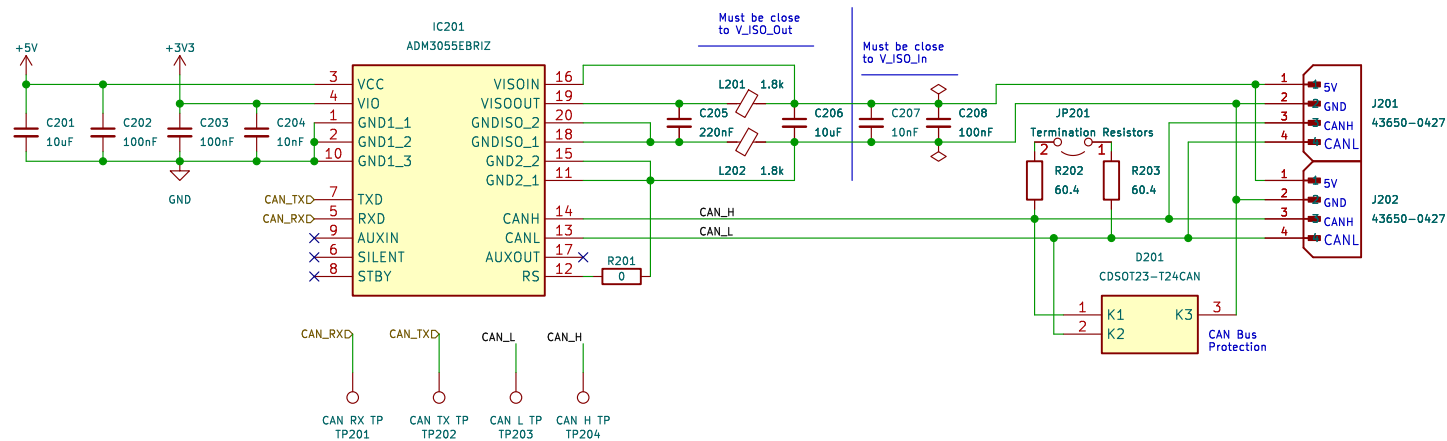
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**Title:** Blackbody B

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**



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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