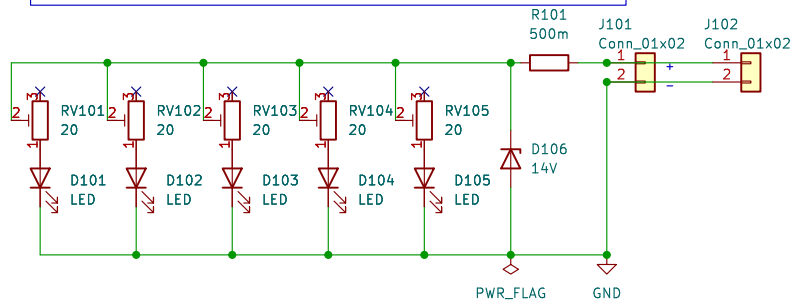


Modular. Input power source is expected to be 28V, up to 36A. Stack two on each other to get 14V. -0.5V through power resistor to get 13.5V. Noise limited through 14V zener diode shunt. Assume the board draws 1A (14W total). Assume each LED sinks a max of 0.2A, which implies 5 sets of LEDs. Use at least 16 AWG wire.



Heliosphere

v0.1.0

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

Errata

v0.1.0

- Initial revision.

Gary Hallock
Matthew Yu

LHR Solar

Sheet: /
File: heliosphere.kicad_sch

Title: Heliosphere

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

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