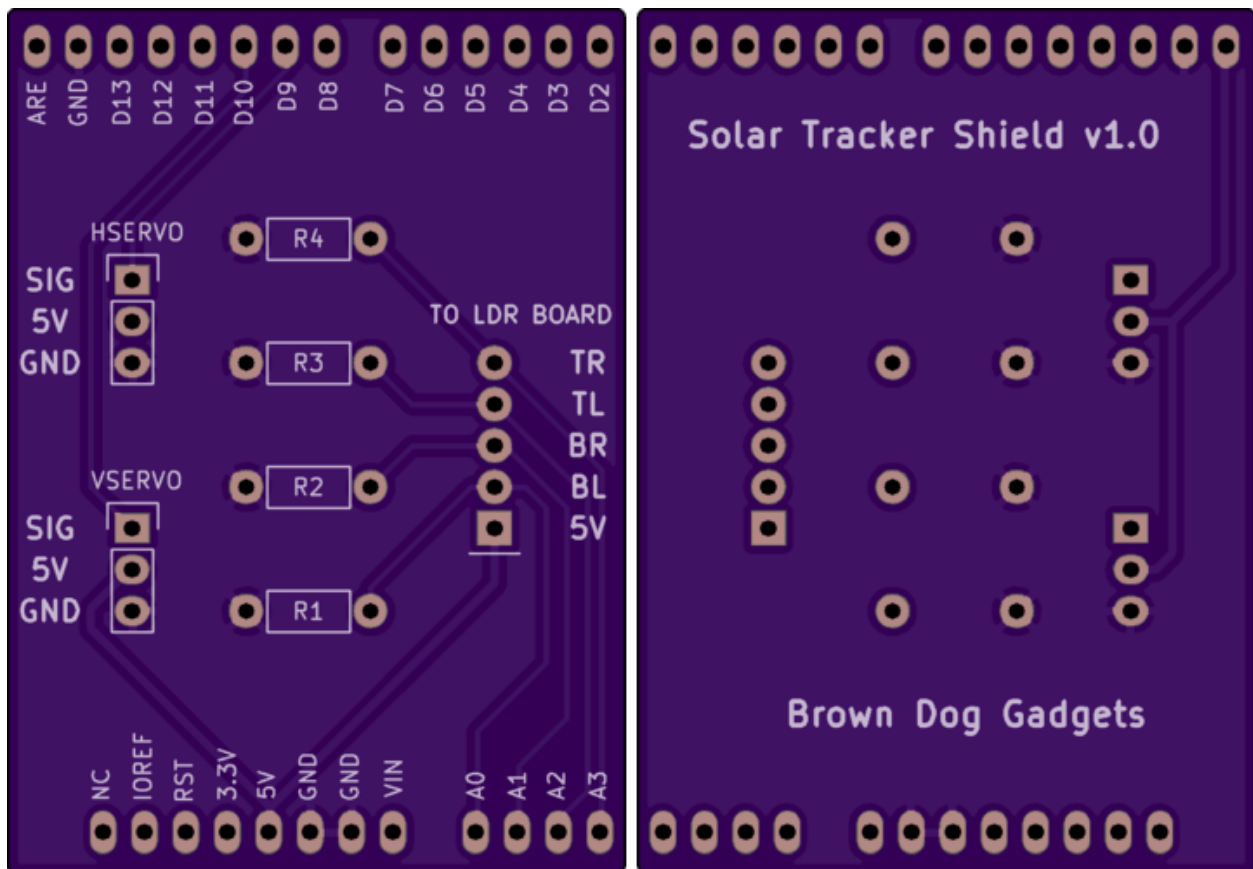


# Solar Tracker Arduino Shield v1.0

This is the main board that sits on the Arduino, reads in the light sensors, and commands the servos to move the solar tracker.

## Bill of Materials

Ref	Qty	Description	Digikey PN
J1 J2	2	HEADER MALE 3POS TH 1x03 0.1IN	952-1902-ND
J3	1	CONN TERM SCREW GREEN 2.54MM 5POS TH	ED10564-ND
R1 R2 R3 R4	4	RES 10K OHM 1/4W 5% CF MINI	S10KQCT-ND
U1	1	ARDUINO UNO R3	S1012EC-26-ND



## Solar Shield v1.0

