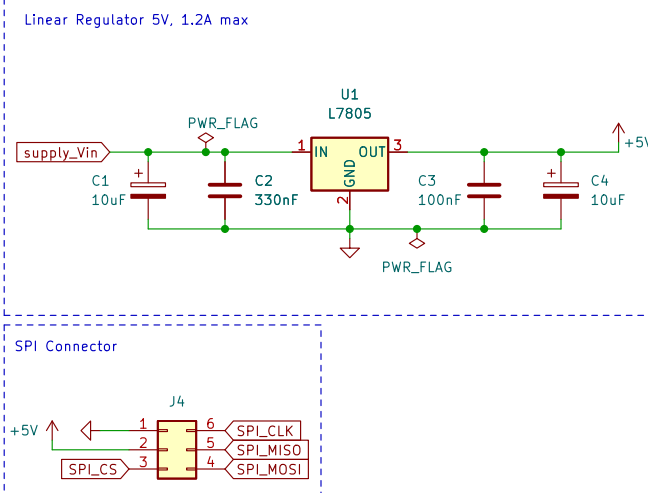
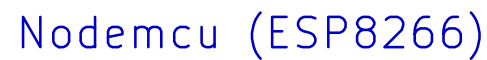
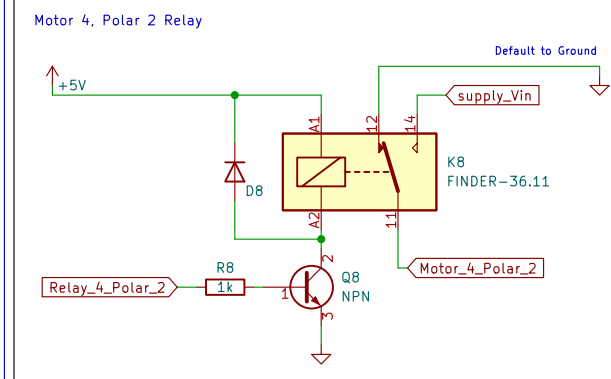
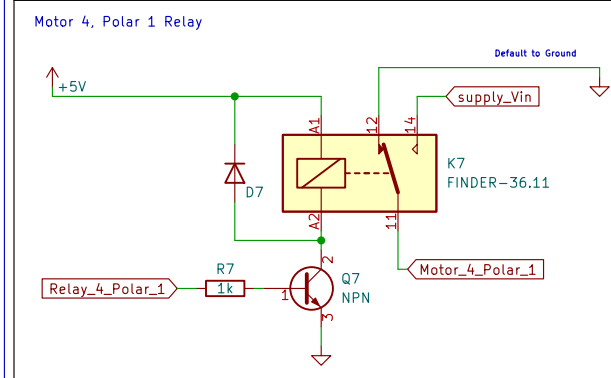
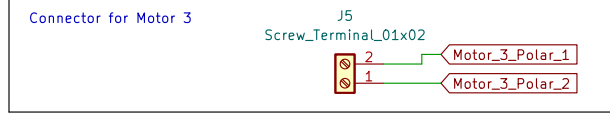
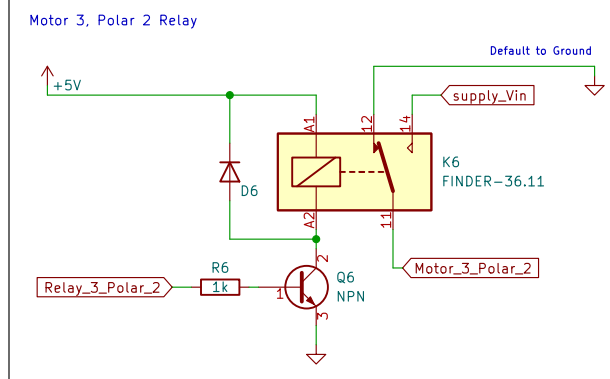
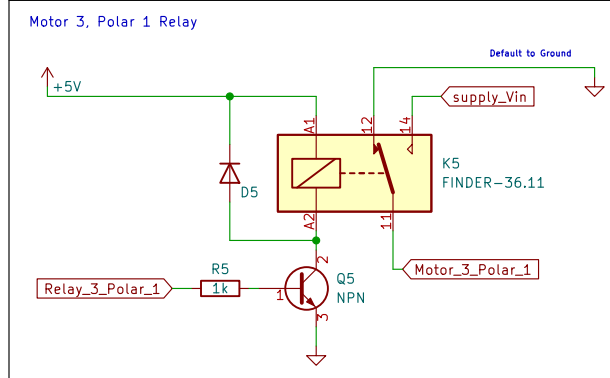
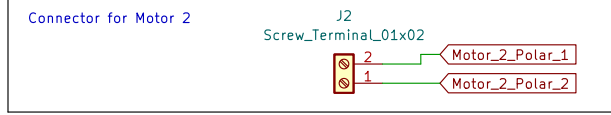
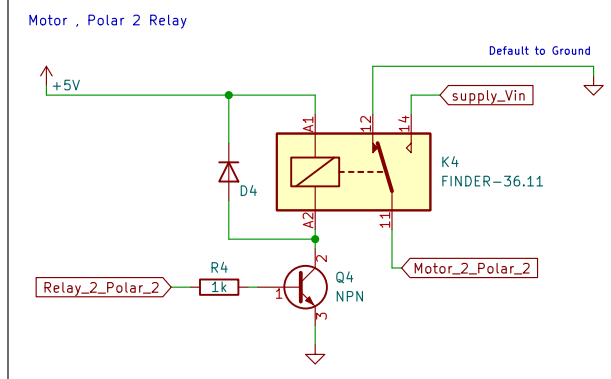
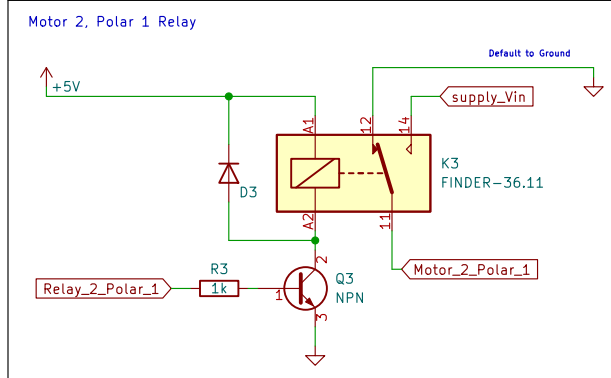
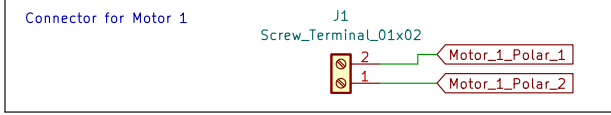
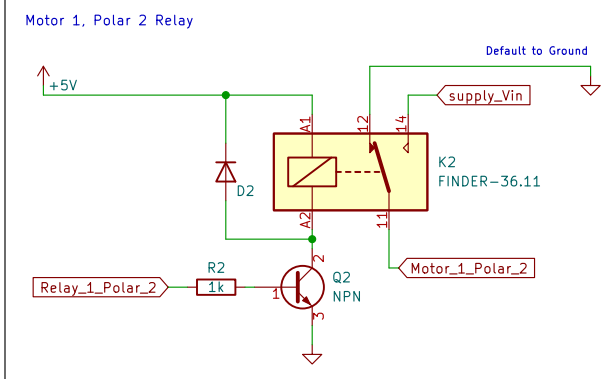
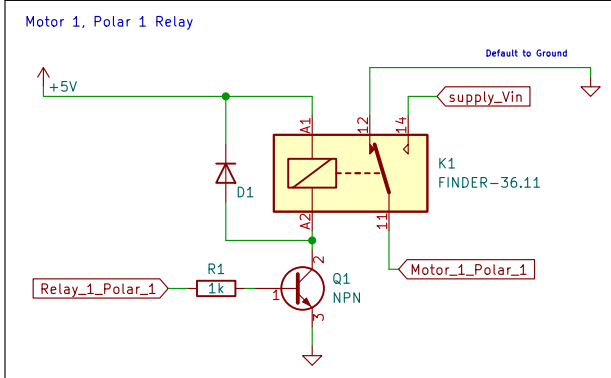
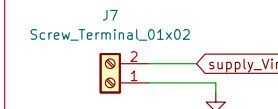


Each motor is driven using 2 SPDT relay (making one pair).
Each pair default to -/- for off mode and -/+ or +/- for move and reverse move.
note: there is no possibility of shorting wire, making this design safe.



- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

Power supply Connector
Minimum spec: 480W (24V/20A)



Relay Switch pins

each pin output 40mA 3.3V to trigger
some NPN transistor,
and supply relay coil from 5V regulator.

Farzam Khodajoo

Sheet: /
File: Linak-controller.kicad_sch

Title: Linak Controller Board

Size: A3	Date: 2023-07-08
KiCad E.D.A. kicad (6.0.7)	

Rev:
Id: 1/1