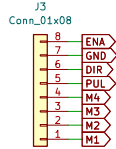
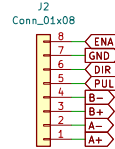


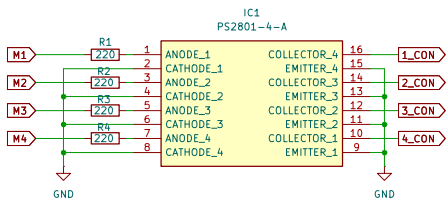
# ESP32 PINS



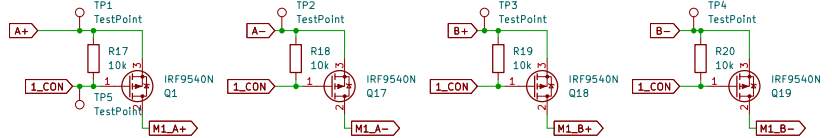
# DM556 PINS



## SWITCHING N ISOLATION USING OPTOCOUPLER



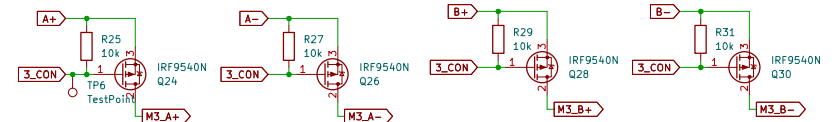
## M1\_CONTROL



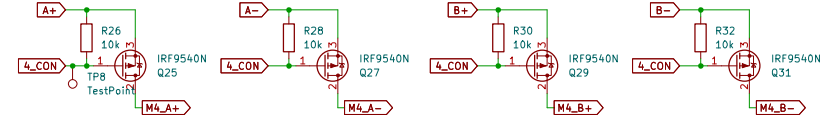
## M2\_CONTROL



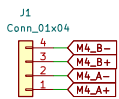
## M3\_CONTROL



## M4\_CONTROL



## NEMA17\_1



## NEMA17\_2



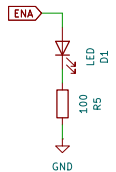
## NEMA17\_3



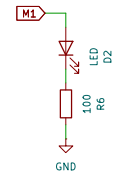
## NEMA17\_4



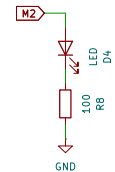
## ENA INDICATOR



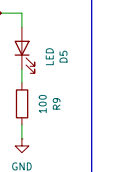
## MOTOR1 INDICATOR



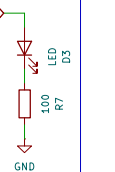
## MOTOR2 INDICATOR



## MOTOR3 INDICATOR



## MOTOR4 INDICATOR



SAGNIK ADHIKARY

Sheet: /  
File: Interfacing board.kicad\_sch

Title: INTERFACE BOARD BETWEEN ESP32, DM556 AND NEMA17

Size: A4 Date: 15.11.2025

KiCad E.D.A. 9.0.0

Rev: 1

Id: 1/1