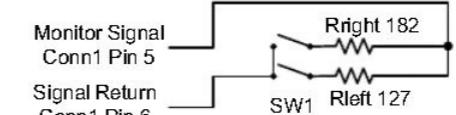
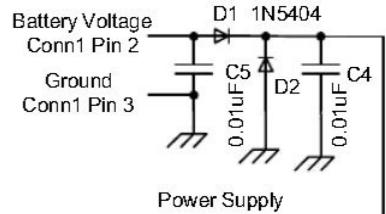


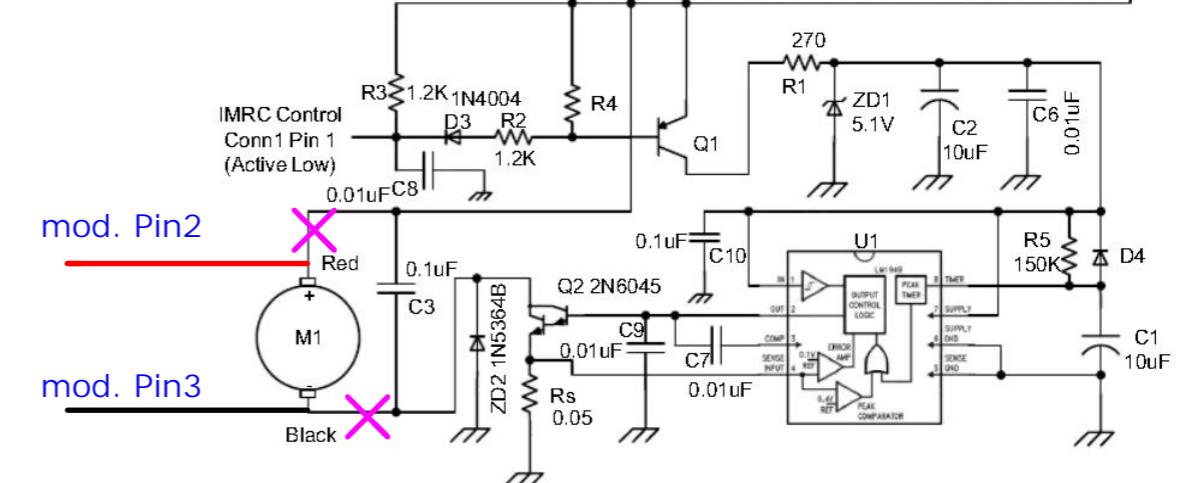
ZD2 = IN5304B 35V 3A Back EMI Protection Diode
Schematics



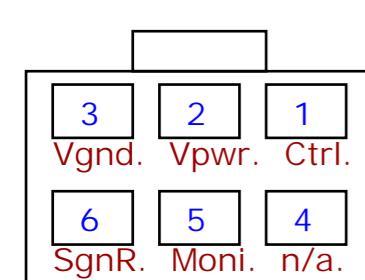
Sensor Circuit



Power Supply



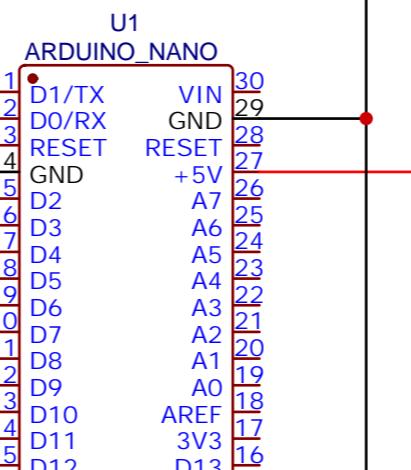
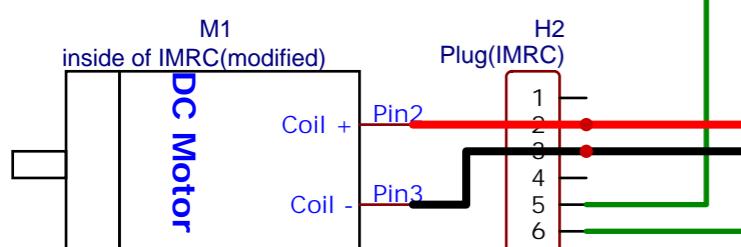
Note:
Take off original motor power cords from PCB (0.75 or 1.25mm²);
new wire to Pin2 for (+) and Pin3 for (-) through ext. amp drive.



(Connector sideview)



(IMRC unit sideview)



| | | | |
|----------------------------|--|----------------------------|----------|
| TITLE: | | ArduinoIMRC_DCmotorControl | REV: 1.0 |
| Company: | | Sheet: 1/1 | |
| Date: 2025-12-08 Drawn By: | | | |