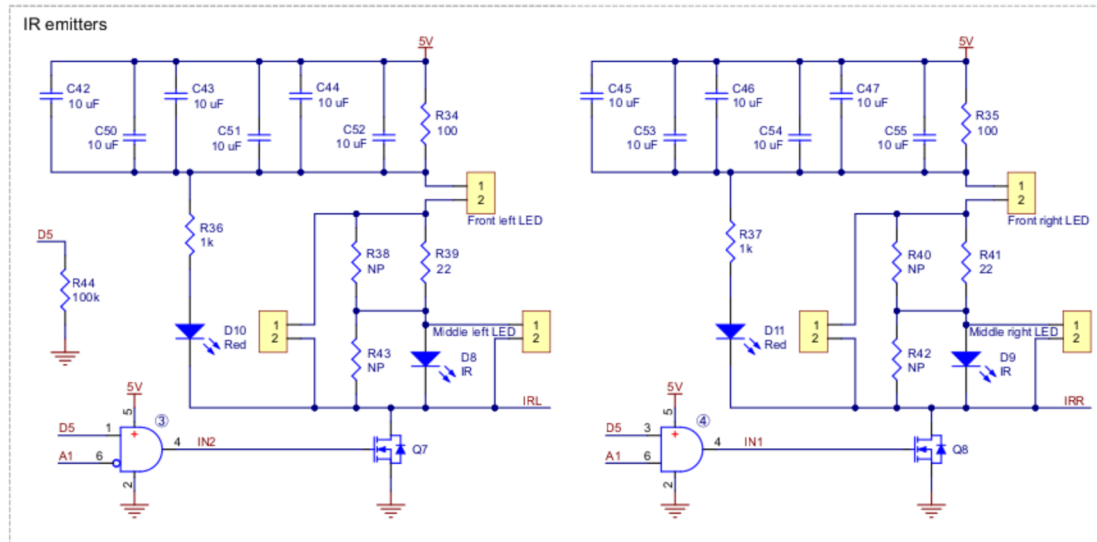
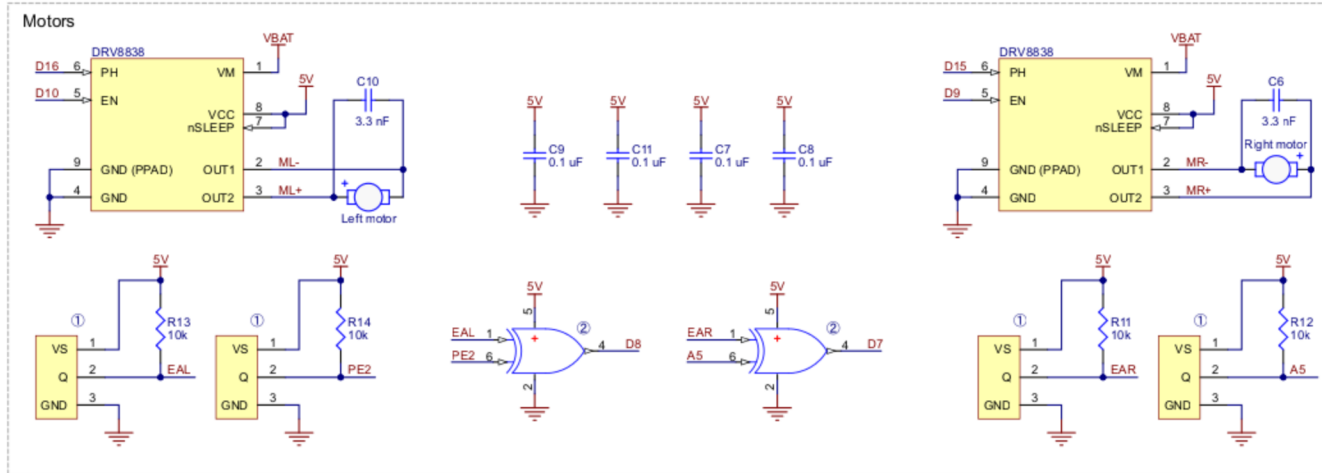


Zumo 32U4 main board

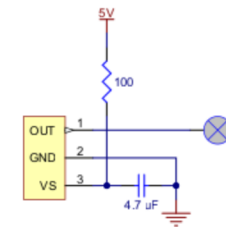
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Schematic diagram

Motors, encoders, and IR emitters



Left and right optional IR receiver connections



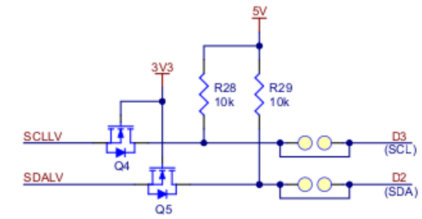
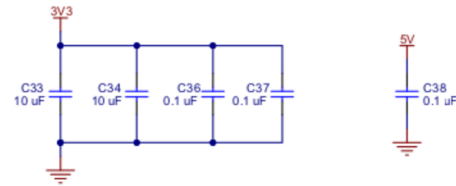
- ① Hall Effect sensor ICs in SOT-23 packages, e.g. AH1751
- ② Implemented as 74LVC1G58 multi-function gate with pin 3 tied to pin 1
- ③ Implemented as 74LVC1G97 multi-function gate with pin 3 tied to GND
- ④ Implemented as 74LVC1G97 multi-function gate with pin 1 tied to GND

Zumo 32U4 main board

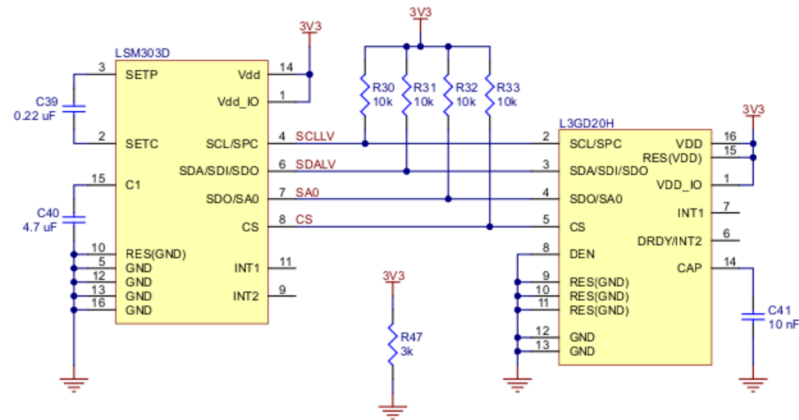
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Schematic diagram

Inertial sensors



Main board v1.0 inertial sensors
(LSM303D and L3GD20H on I²C bus)



Main board v1.1 inertial sensors
(LIS3MDL and LSM6DS33 on I²C bus)

