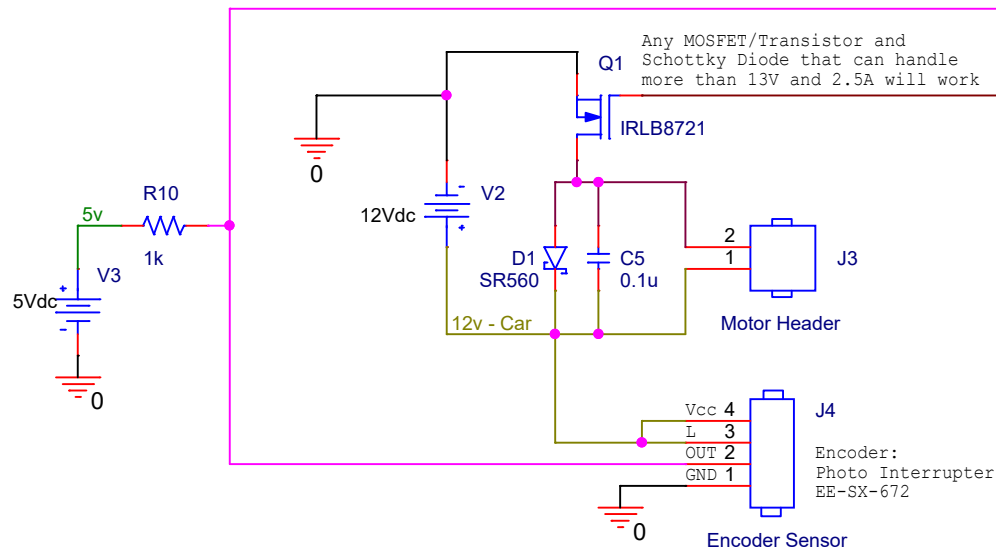


Connected Devices:

- DSDTech HC-05
- Rostra 250-4165
- TSiny Motor TRS-775W
- EE-SX672 Photo Interrupter *

* Buy the photo interrupter at adafruit.com (\$ 2.95). It is much more expensive (\$ 20.00) elsewhere.



Parts:

- x3 - 1k Resistor
 - x1 - 2k Resistor
 - x2 - 3.3k Resistor
 - x4 - 4.7k Resistors
 - x1 - 300k Resistor
 - x5 - 0.1uF Capacitor
 - x1 - Schottky Diode (Min. 13V, 2.5A) [SR560]
 - x1 - MOSFET/Transistor (Min. 13V, 2.5A) [IRLB8721]
 - x1 - TL072x Op-Amp (or equivalent)
 - x1 - Arduino Nano v3.0
- + Can replace one 4.2k and one 3.3k resistor (tot 8k) for a single 8.2k resistor at R6

GitHub: <https://github.com/AMHome/Mechanical-Speedometer-Converter>
This file found at: GitHub > assets > Schematics > Schematics.pdf

Title		
Mechanical Speedometer Converter		
Size	Document Number	Rev
A	Alpha Version	v1.05
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