

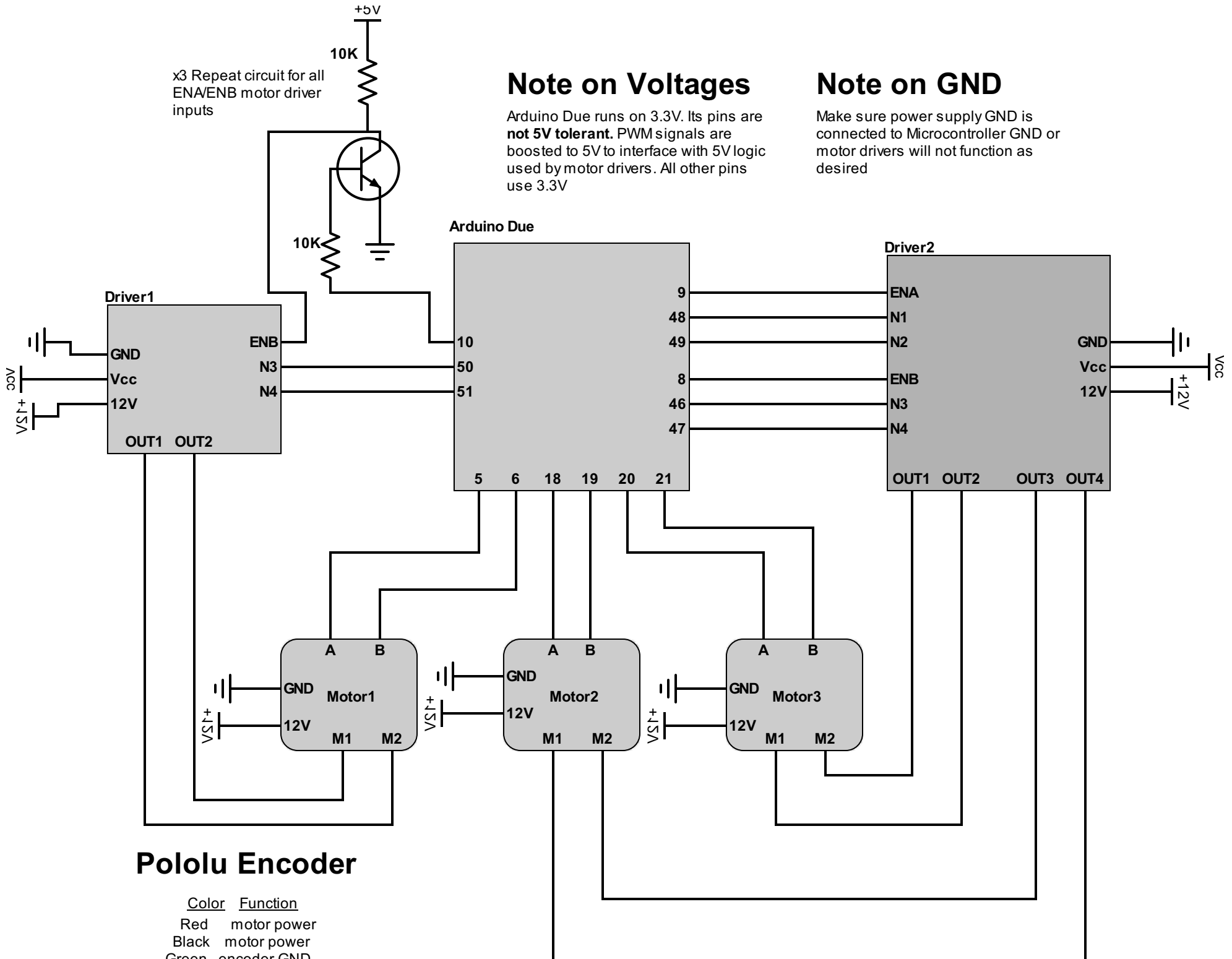
x3 Repeat circuit for all ENA/ENB motor driver inputs

Note on Voltages

Arduino Due runs on 3.3V. Its pins are **not 5V tolerant**. PWM signals are boosted to 5V to interface with 5V logic used by motor drivers. All other pins use 3.3V

Note on GND

Make sure power supply GND is connected to Microcontroller GND or motor drivers will not function as desired



Pololu Encoder

Color	Function
Red	motor power
Black	motor power
Green	encoder GND
Blue	encoder Vcc
Yellow	encoder A
White	encoder B