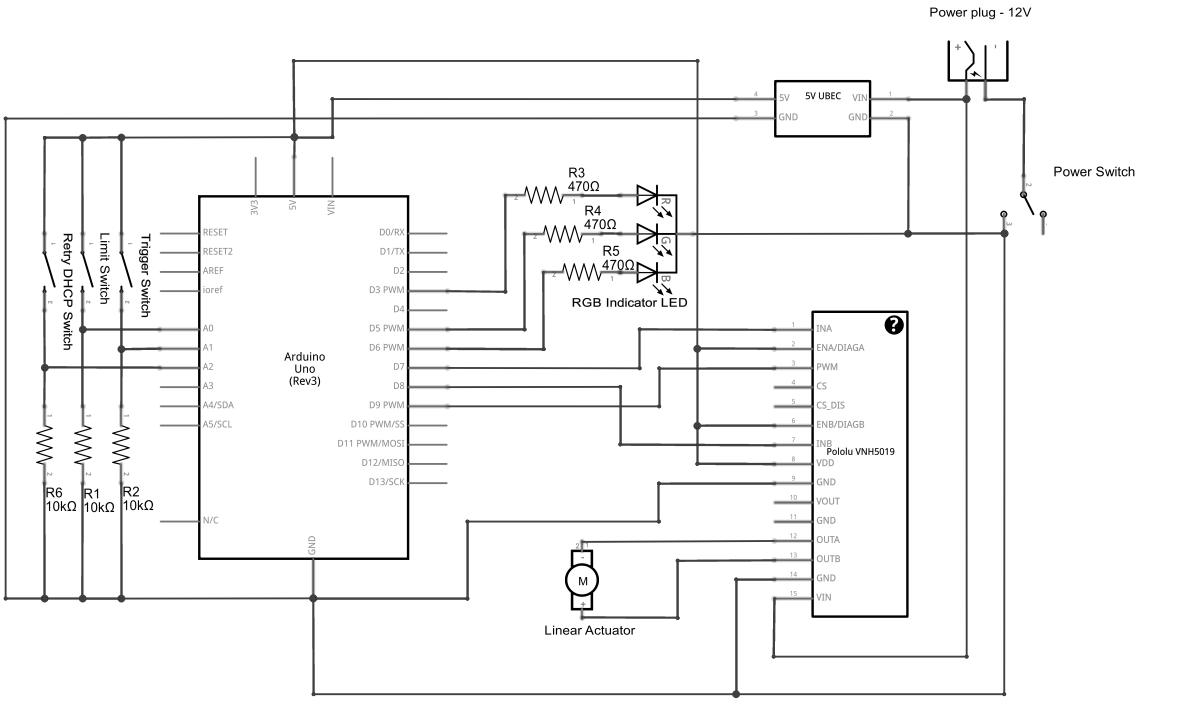
Power plug - 12V
5V UBEC
5V
GND
VIN
GND
Power Switch
R3
470Ω
R4
470Ω
R5
470Ω
R
G
B
RGB Indicator LED
Retry DHCP Switch
Limit Switch
Trigger Switch
3V3
5V
VIN
RESET
RESET2
AREF
ioref
A0
A1
A2
A3
A4/SDA
A5/SCL
N/C
GND
D0/RX
D1/TX
D2
D3 PWM
D4
D5 PWM
D6 PWM
D7
D8
D9 PWM
D10 PWM/SS
D11 PWM/MOSI
D12/MISO
D13/SCK
Arduino
Uno
(Rev3)
R6
10kΩ
R1
10kΩ
R2
10kΩ
INA
ENA/DIAGA
PWM
CS
CS_DIS
ENB/DIAGB
INB
VDD
GND
VOUT
GND
OUTA
OUTB
GND
VIN
Pololu VNH5019
M
Linear Actuator
fritzing