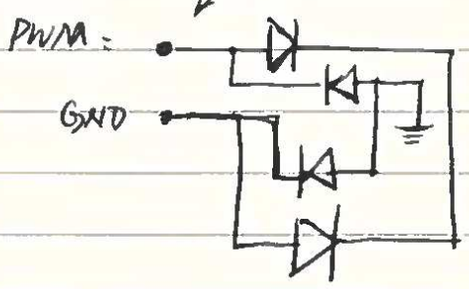
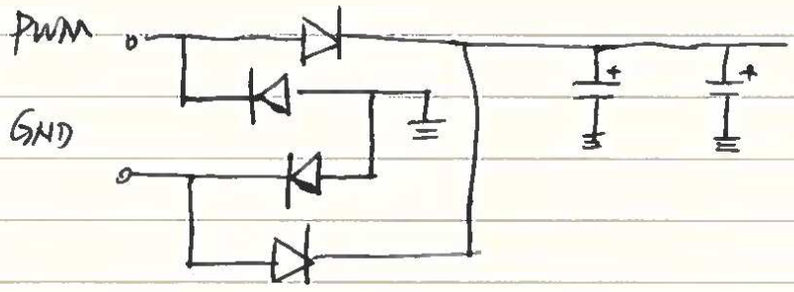
2022/07/10.

Good resolution
but add capacitors
→ to remove oscillate

Common Cuncart → Vref can be controlled by Arduino
or Vref controlled by potentiometer ← Arduino
↳ resolution – problem!





→ clear output.

Power resistor 0.22R 5W 0.68R 5W 1R 5W

Common Resistance → Vref controlled by Vsource

$$V_{ref} = \text{ratio} \times V_{source}$$

$$= \frac{R_{power}}{R_{set}} \times V_{source}$$

if $R_{power} = 1R$ → cannot reach $\frac{1}{4}\Omega$ set resistance

↓ 1Ω set R per branch

$V_{ref} < V_{source}$

if $R_{power} = 0.68R$ → $\frac{0.68}{1} \times V_s = \frac{68}{100}$

0.25 minimum resistance.

0.1 0.22 0.33 0.68 1Ω

0.47