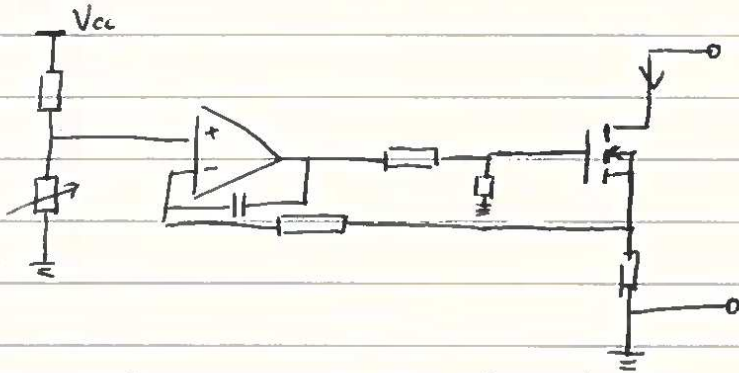


Dummy Load \rightarrow MOSFET acts as a variable resistor



Max voltage output $\approx 1.5V$
 Max current $\approx 4A$ } max $P_{out} = 20W$

Actual max output voltage $6.5V$

max current $5A$ (5A shut down) more than $4A$ V_{out} drop

Max output current (28W)

$$\Rightarrow 4A, 5V \rightarrow 5/4 = 1.25\Omega$$

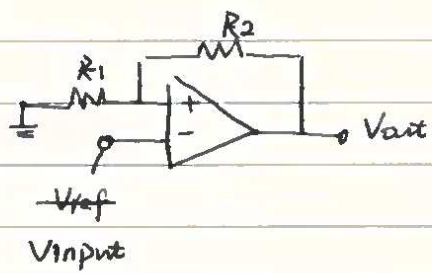
$$\Rightarrow 4A, 3.3V \rightarrow 3.3/4 = 0.825\Omega$$

$$\Rightarrow 3.9A, 1.75V \rightarrow 1.75/3.9 = 0.45\Omega \quad (\min R_L)$$

~~25ms~~ on

0.25ms on time $\rightarrow 1\mu F$ Capacitor $\rightarrow 10pF$ 5V

Voltage $\rightarrow 1k$ resistance cut off freq = $200Hz$ 低速
 low pass



0.1 μ F decoupling

