

Using the LM7805 to make a regulated 15 volt positive power supply.

Because this regulator behaves somewhat like the adjustable LM117, we can get an adjusted output voltage V_O using two resistors R_1 and R_2 . The values for this 15 volt power supply are

$$R_1 = 1k, R_2 = 1k, C_1 = 1000\mu F, 35\text{volt.}$$

P is a 100k potentiometer.



