(V_I = 27V, I_O =1A,C_I = 0.33μF, C_O = 0.1μF, T_j= 0 to 125 , unless otherwise specified)

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Output Voltage	V_O	T_j 25 , I_O=5mA 1.5A	17.3	18.0	18.7	V
		V_I 21V 33V I_O=5mA 1A	17.1	18.0	18.9	V
Line Regulation	V_O	T_j 25 V_I 21V 33V I_O= 1A V_I			360	mV

(V_I = 33V, I_O =1A,C_I = 0.33μF, C_O = 0.1μF, T_j= 0 to 125 , unless otherwise specified)

Parameter

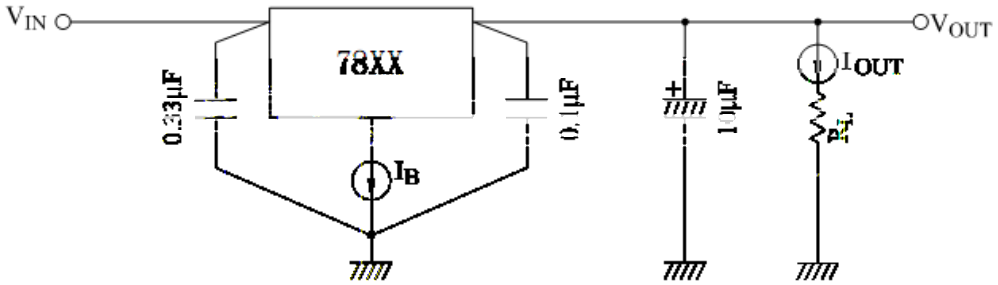


Figure 1. Test and Application Circuits

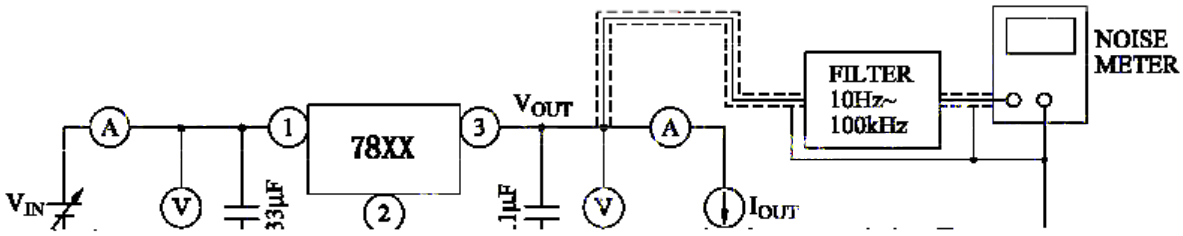


Figure 2. V_N Test Circuits

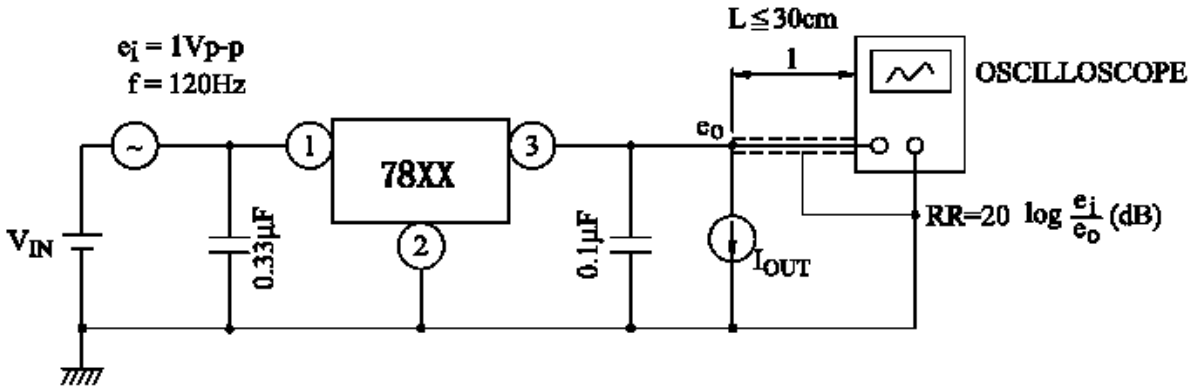


Figure 3. Ripple Rejection

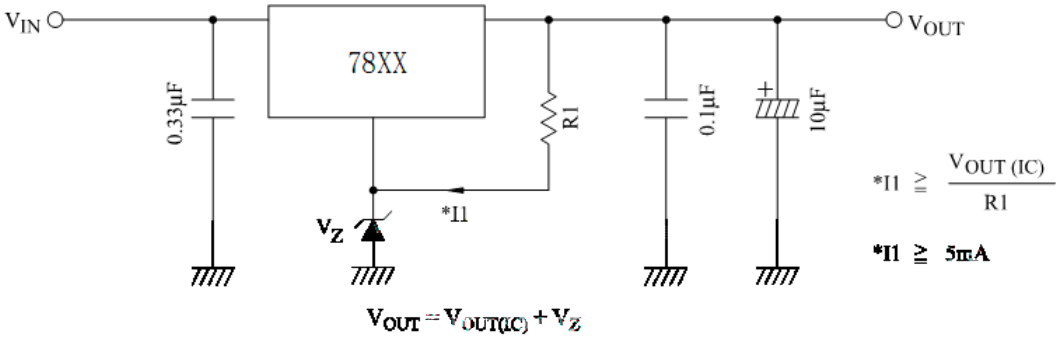


Figure 4. Voltage boost by use of zener diode

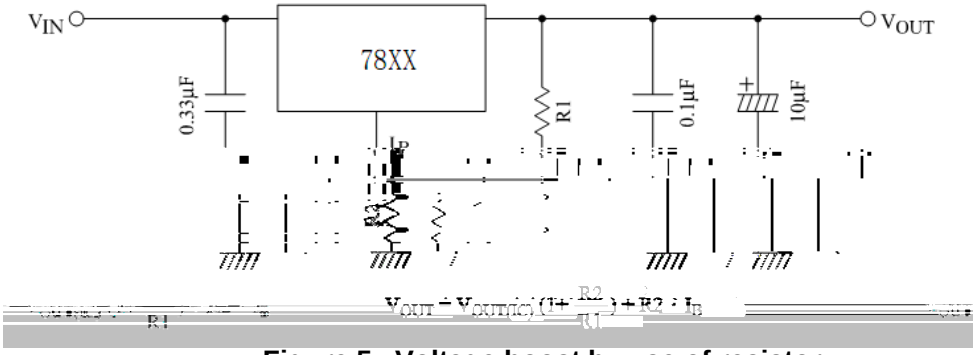


Figure 5. Voltage boost by use of resistor

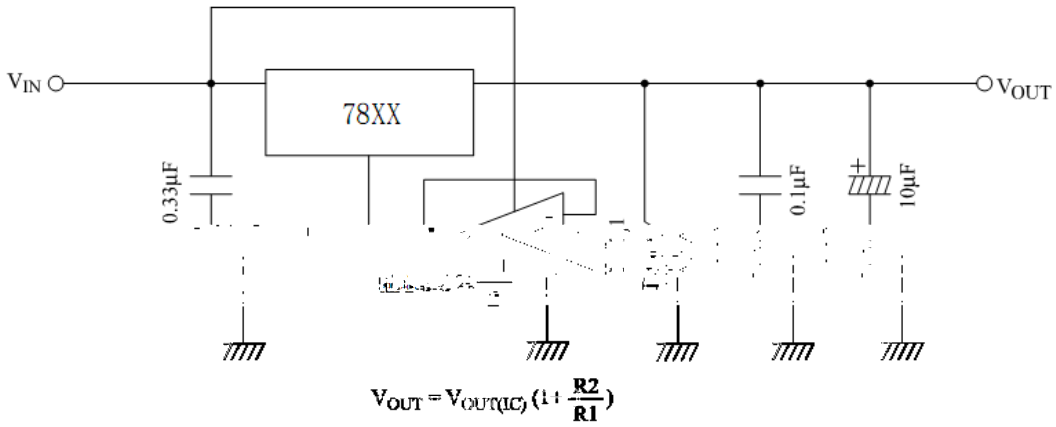


Figure 6. Adjustable output regulator

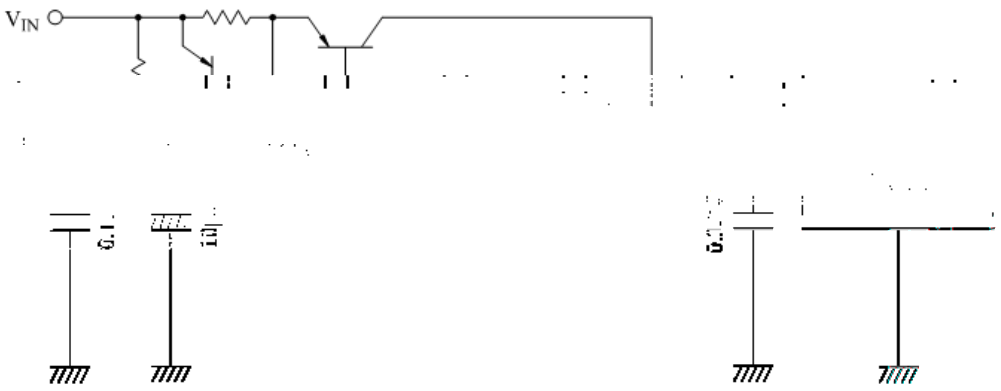


Figure 7. Current boost regulator

Disclaim