

<b><u>Proxy Load Resistor (ohm)</u></b>	<b><u>mV b4 Reg</u></b>	<b><u>Reg IN</u></b>	<b><u>Reg OUT</u></b>	<b><u>mV after Reg</u></b>	<b><u>mV Use</u></b>	<b><u>mA**</u></b>
None	17.4	179.5	70.0	NA	NA	
68,000	27.8	177.3	69.8	10.4	17.4	1.0
33,000	38.6	174.6	69.7	21.2	17.4	2.1
15,000	64.4	170.3	69.6	46.9	17.5	4.6
6,800	122.2	162.5	69.7	104.5	17.7	10.3
3,900	200.4	152.8	69.5	182.4	18.0	17.8
2,700	264.6	146.4	65.4	246.6	18.0	24.2
2,000	307.8	143.1	57.9	292.0	15.8	29.0

\* Actual load is an discrete active IV / Amp circuit that requires 70V with 33mA flowing through it.  
So  $70V / 0.033A = 2121 \text{ ohm}$

\*\* Calculated using ohm's law. For instance  $57.9V / 2000 \text{ ohm} \times 1000 = 29.0 \text{ mA}$