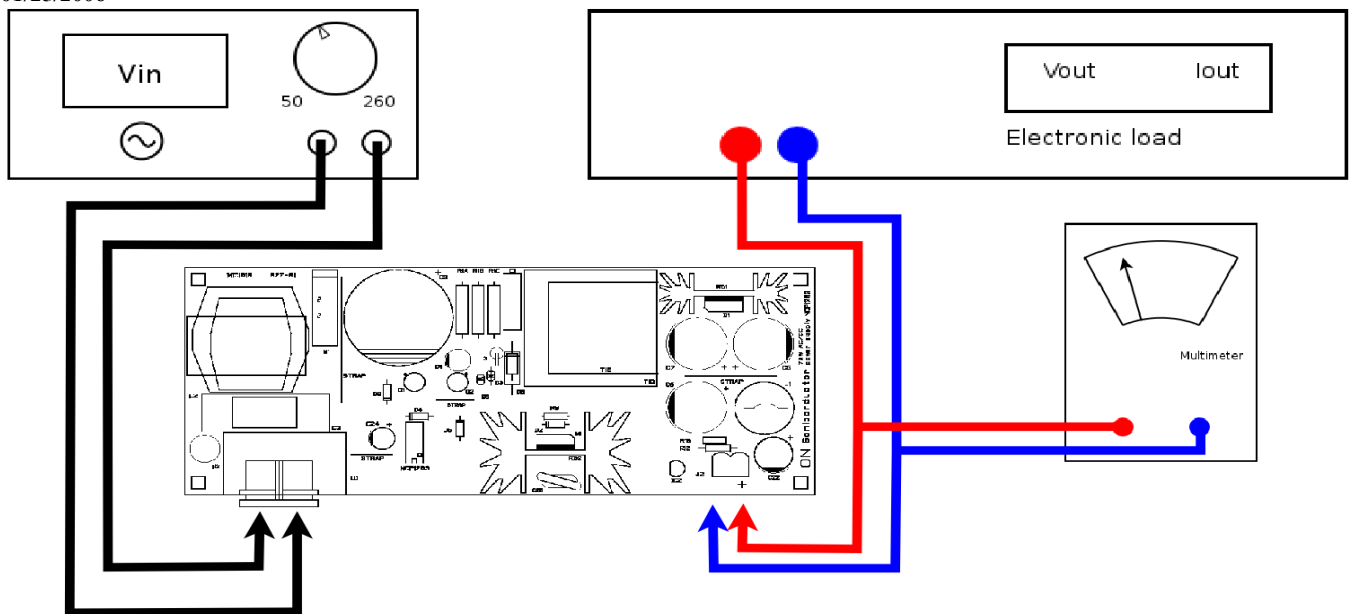


### Test Procedure for and8076 (NCP120X – 19 V, 3.6 A demoboard)

ON Semiconductor®



01/25/2006



**Table 1: Required Equipment**

ac power supply, 85 – 265 Vac, 1 A	Yokogawa power meter WT210	Multimeter
Electronic load, 19 V up to 4 A		

**Test Procedure:**

1. Connect the test setup as shown above.
2. Apply an input voltage,  $85 \text{ Vac} < V_{in} < 265 \text{ Vac}$ , 50 or 60 Hz
3. Connect electronic load on output connector.

**Table 2: Desired Results**

	Measurements	Conditions	Results	Comments
1	Output voltage	$V_{in}=100 \text{ Vac}$ no load	$V_{out} = 19 \text{ V} \pm 5\%$	
2	Input consumption at high line and no load	$V_{in}=230 \text{ Vac}$ no load	$P_{in} = 0.09 \text{ W} \pm 15\%$ $V_{out} = 19 \text{ V}$	No load measurement can fluctuate, run WT210 in average mode
3	Output voltage at high line and full load	$V_{in}=230 \text{ Vac}$ $I_{load}=3.6 \text{ A}$	$V_{out} = 19 \text{ V} \pm 5\%$	

4	Output voltage at low line and full load	V <sub>in</sub> =85 Vac I <sub>load</sub> =3.6 A	V <sub>out</sub> = 19 V ± 5%	
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