



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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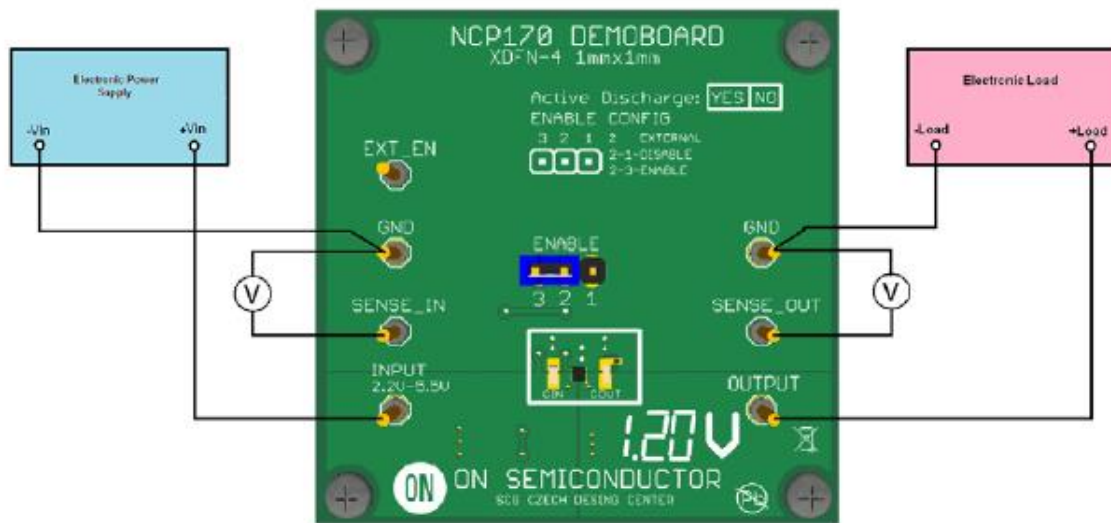
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## Test Procedure for the NCP170AMX180GEVB Evaluation Board



### Test procedure:

1. Check the position of jumper and correct this if necessary in accordance with the picture above.
2. Connect the test setup as shown Figure above
3. Apply an input voltage  $V_{in} = 2.8\text{ V}$
4. Apply  $I_{out} = 0\text{ mA}$  load.
5. Check that  $V_{out}$  is  $1.8\text{ V} \pm 1\%$ .
6. Increase  $I_{out}$  up to  $0.15\text{ A}$
7. Check that  $V_{out}$  is  $1.8\text{ V} \pm 1\%$ .
7. Increase  $V_{in}$  up to  $5.5\text{ V}$  and decrease the load in accordance with SOA
8. Power down the Load
9. Power down the  $V_{cc}$
10. End of test