



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!



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Test Procedure for the NCP382HMN20AGEVB Evaluation Board

Equipment Needed:

1. Power Supply (5V, 3A)
2. Potentiometer/Load (100 Ω , 10W)
3. Multimeter

Note: Cables should be as short as possible to lower their inductance value – otherwise you may harm either the input or output pins of the device

Set-up & Test:

1. Apply $V_{in} = 4V$ dc (Over Current Limit = 2.0A) on IN test point.
2. Connect a 100 Ω , 10W load between Output1 test point and GND strap.
3. Toggle EN1 strap between Low and High sides.
4. Output1 must change from 0 to 4V by toggling the EN1 switch.
5. Disconnect load from Output1 and connect it to Output2 test point.
6. Toggle EN2 strap between Low and High sides.
7. Output2 must change from 0 to 4V by toggling the EN2 switch.