



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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POE-GEVB: Power over Ethernet (PoE) Shield Evaluation Board



The Power over Ethernet (PoE) Shield Evaluation Board demonstrates the NCP1083, a member of the ON Semiconductor high power HIPO™ Power over Ethernet Powered Device (PoE-PD) product family which represents a robust, flexible and highly integrated solution targeting demanding medium and high power Ethernet applications. It combines in a single unit an enhanced PoE-PD interface supporting the IEEE 802.3af and the upcoming draft IEEE 802.3at (D3.0) standard and a flexible and configurable DC-DC converter controller.

The NCP1083's exceptional capabilities enable applications to smoothly transition from non-PoE to PoE enabled networks by also supporting power from auxiliary sources such as AC power adapters and battery supplies, eliminating the need for a second switching power supply.

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description
<u>POE-GEVB</u>	Active	Pb-free	Power over Ethernet (PoE) Shield Evaluation Board