



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 |