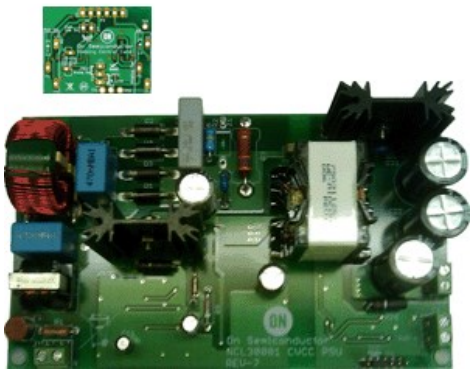
NCL30001LEDGEVB: 0.7-1.5 A Dimming LED Driver Evaluation Board

The NCL30001LEDGEVB is a power factor corrected isolated single stage LED Driver intended for applications range from 40 - 100W that require a direct constant current output. The board is set up for a nominal current of 1A and a maximum forward voltage of approximately 50 V. The output voltage and current values are user configurable and the maximum voltage can be adjusted up to 1.5A.
The driver is intended for general and architectural LED lighting application such as wall packs, parking structure lighting, and outdoor lighting. The driver can be PWM dimmed from the secondary side. The board is setup to accept 90-265 Vac but with minor component changes it can be used for 277 Vac industrial lighting applications.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCL30001LEDGEVB	Active	Pb-free	0.7-1.5 A Dimming LED Driver Evaluation Board	NCL30001DR2G	Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCL30001LEDGEVB Bill of Materials ROHS Compliant	NCL30001LEDGEVB_BOM_ROHS.PDF - 106 KB	2
Eval Board: Gerber	NCL30001LEDGEVB Gerber Layout Files (Zip Format)	NCL30001LEDGEVB_GERBER.ZIP - 165 KB	4
Eval Board: Schematic	NCL30001LEDGEVB Schematic	NCL30001LEDGEVB_SCHEMATIC.PDF - 269.0 KB	0
Eval Board: Test Procedure	NCL30001LEDGEVB Test Procedure	NCL30001LEDGEVB_TEST_PROCEDURE.PDF - 147.0 KB	1
Video	Power Adapter Solutions with the NCL30001LEDGEVB Evaluation Board	TND6095/D	1