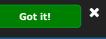
This Site uses cookies for marketing and analytics. By continuing to use this site 30 seconds after this banner appears, clicking the "Got it" button or closing the box at the "X", you agree to the placement of cookies pursuant to our cookie policy and privacy policy



简体中文 | 日本 🗍

Q





**Energy Efficient Innovations** 

💽 Products 🜔 SensL 🜔 Applications 🜔 Design Support 🕞 About 🜔 MyON

Home > Support > Design Support > Design Resources & Documents > Evaluation/Development Tools

## NCP1013LEDGEVB: 5 W Universal LED Driver Evaluation Board

The controller used in this application is a low cost monolithic design, the NCP1013. This, and the other members of the family, from the NCP1010 to the NCP1014, allow for the design of low cost, yet fully featured, switched mode power supplies. The design comprises an input filter, bridge rectifier, bulk capacitors and a line inductor, the power stage, rectifier diode and smoothing capacitors. Feedback is CVCC, constant current drive for the LED's with a constant voltage in the event of an open circuit output.



Previously Viewed P	Products
Select Product	💌 Go
	Clear List

## **Design Support**

**Technical Documentation Design Resources & Documents Technical Support Sales Support** 

## **Features and Applications**

Features

- Wide input voltage range 85 Vac to 265 Vac
- · Small size, and low cost
- Good line regulation
- High efficiency
- Overload and short circuit protection

Evaluation/Development Tool Information						
Product	Status	Compliance	Short Description	Parts Used	Action	
NCP1013LEDGEVB	Active	Pb-free	5 W Universal LED Driver Evaluation Board	NCP1013ST100T3G	Contact Local Sales Office	
Technical Dec						

lechnical Documents						
Туре	Document Title	Document ID/Size	Rev			
Eval Board: BOM	NCP1013LEDGEVB Bill of Materials ROHS Compliant	NCP1013LEDEVB_BOM_ROHS.PDF - 60.0 KB	0			
Eval Board: Gerber	NCP1013LEDGEVB Gerber Layout Files (Zip Format)	NCP1013LEDEVB_GERBER.ZIP - 38.0 KB	0			
Eval Board: Schematic	NCP1013LEDGEVB Schematic	NCP1013LEDEVB_SCHEMATIC.PDF - 127.0 KB	0			
Eval Board: Test Procedure	NCP1013LEDGEVB Test Procedure	NCP1013LEDEVB_TEST_PROCEDURE.PDF - 192.0 KB	0			

Privacy Policy | Terms of Use | Site Map | Careers | Contact Us | Terms and Conditions | Mobile App | Subscribe Copyright © 1999-2018 ON Semiconductor

