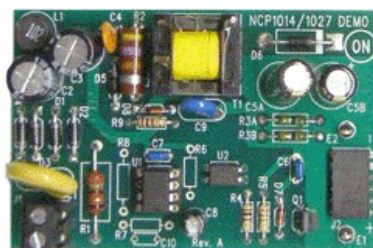




NCP1028LEDGEVB: 720 mA 18 V LED Driver Evaluation Board

The NCP1028LED2GEVB is a universal input (90 to 265 Vac) LED Driver designed for constant current applications. This demo board has been configured in an isolated flyback topology with secondary side constant current control. This board has been preconfigured to source a nominal current of 720 mA. The design has open circuit output protection which clamps the output to voltage of 18V. In a universal input flyback configuration, the NCP1028 is limited to approximately 15W. The current and open circuit voltage can be changed by simply changing out a resistor zener combination. The NCP1028 is an integrated fixed frequency current-mode controller with a 5.8 ohm (typ) 700 V MOSFET. It contains all necessary features such as soft start, frequency jittering, skip cycle etc. to build a rugged and low cost power supply.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP1028LEDGEVB	Active	Pb-free	720 mA 18 V LED Driver Evaluation Board	NCP1028P065G	Contact Local Sales Office Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP1028LEDGEVB Bill of Materials ROHS Compliant	NCP1028LEDGEVB_BOM_ROHS.PDF - 103.0 KB	1
Eval Board: Gerber	NCP1028LEDGEVB_GERBER.zip	NCP1028LEDGEVB_GERBER.ZIP - 71.0 KB	0
Eval Board: Schematic	NCP1028LEDGEVB Schematic	NCP1028LEDGEVB_SCHEMATIC.PDF - 135.0 KB	0
Eval Board: Test Procedure	NCP1028LEDGEVB Test Procedure	NCP1028LEDGEVB_TEST_PROCEDURE.PDF - 32.0 KB	0
Video	720 mA 18 V LED Driver Evaluation Board - NCP1028LEDGEVB	WVD17623/D	

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