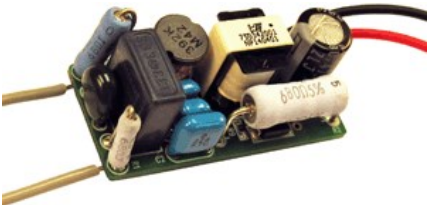




Energy Efficient Innovations

LV5011MD2GEVB: LV5011MD Evaluation Board in 230VAC, 5W Buck-boost for TRIAC dimming

Evaluation board for the LV5011MD. The LV5011MD is a High Voltage LED driver with internal power FET. LV5011MD is realized very simple LED circuits with a few external parts. It corresponds to various wide dimming controls including the TRIAC dimming control.



Evaluation/Development Tool Information					
Product	Status	Compliance	Short Description	Parts Used	Action
LV5011MD2GEVB	Active	Pb-free	LV5011MD Evaluation Board in 230VAC, 5W Buck-boost for TRIAC dimming		Contact Local Sales Office Inventory

Technical Documents			
Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LV5011MD2GEVB Bill of Materials ROHS Compliant	LV5011MD2GEVB_BOM_ROHS - 76 KB	0
Eval Board: Gerber	LV5011MD2GEVB Gerber Layout Files (Zip Format)	LV5011MD2GEVB_GERBER - 22 KB	0
Eval Board: Schematic	LV5011MD2GEVB Schematic	LV5011MD2GEVB_SCHEMATIC - 20 KB	0
Eval Board: Test Procedure	LV5011MD2GEVB Test Procedure	LV5011MD2GEVB_TEST_PROCEDURE - 447 KB	0
Video	230VAC 5W Buck-boost for TRIAC dimming - LV5011MD2GEVB	TND6137/D	

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Featured Video

230VAC 5W Buck-boost for TRIAC dimming - LV5011MD2GEVB

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1. An external LED load must be used to start up the EVB.
2. Turn on the AC Dimmer.
3. Set the voltage to 230VAC.
4. Maximize the dimmer ratio.
5. Record the output voltage readings from Volt Meter and the output current reading from AMP Meter. And Record the Input power readings from Power Meter. And Record the phase angle of Dimmer output.
6. Gradually lower the Dimming ratio until the Dimming ratio is 10%.

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