



Power Management

[Switching Regulator](#)
[Linear Regulators \(LDO\)](#)
[µModule Regulators](#)
[PMIC & Multifunction](#)
[Inductorless \(Charge Pump\) DC/DC Converters](#)
[LED Driver ICs](#)
[Battery Management](#)
[Power Control](#)
[Current Sources](#)
[Hot Swap IC](#)
[Power-Over-Ethernet \(PoE\) Interface Controllers](#)
[System Supervisor, Monitor and Control](#)
[Energy Harvesting](#)
[Power Management Evaluation Kits](#)

[Home](#) > [Products](#) > [Power Management](#) > [Power Management Evaluation Kits](#) > [DC1311](#)

[+ MyLinear](#)

DC1311 - LTC3805 Evaluation Kit

[FEATURES](#) | [DESCRIPTION](#) | [PACKAGING](#) | [ORDER INFO](#) | [SIMULATE](#)

FEATURES

DC1311A-A - LTC3805 Evaluation Kit

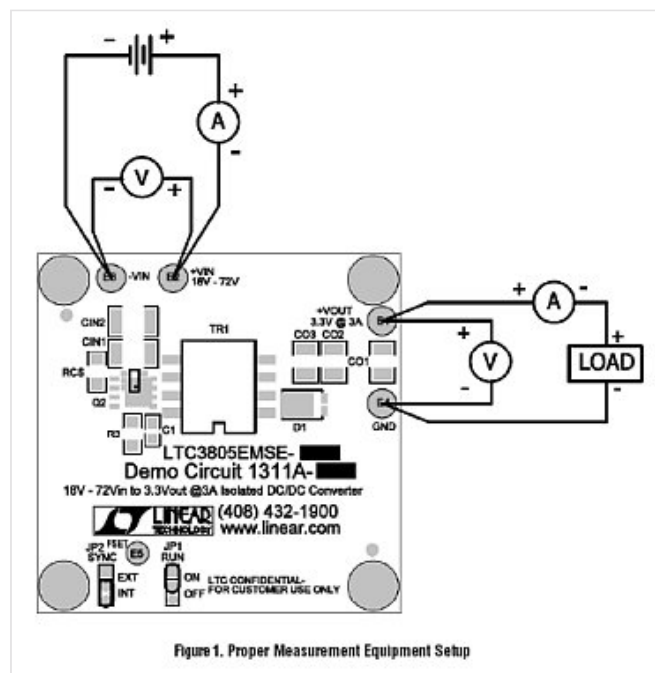
Disclaimer: Linear Technology cannot assume responsibility for use of any circuitry other than circuitry entirely embodied in a Linear Technology product. No circuit patent licenses are implied. Linear Technology reserves the right to change the circuitry and specifications without notice at any time.

Order Now

[Buy](#)

[Request Samples](#)

TYPICAL APPLICATION


[BACK TO TOP](#)

DESCRIPTION

Demonstration circuit 1311 is a Telecom isolated DC/DC converter featuring the LTC3805/-5 constant frequency current mode flyback controller. The DC1311 converts 18V to 72V input voltage to an isolated 3A of output current at 3.3V. The 300kHz constant frequency operation is maintained down to very light load to reduce low frequency noise generated over a wide range of load current. The converter provides high output voltage accuracy (typically $\pm 2\%$) over wide load range with no minimum load requirement.

[BACK TO TOP](#)

PACKAGING

[BACK TO TOP](#)

ORDER INFO

Part numbers ending in PBF are [lead free](#). Please contact LTC marketing for information on lead based finish parts.

Part numbers containing TR or TRM are shipped in [tape and reel or 500 unit mini tape and reel](#), respectively

Please refer to our [general ordering information](#) or the product datasheet for more details

[SITE HELP](#) [SITE MAP](#) [SITE INDEX](#) [SEND US FEEDBACK](#)

© 2007 Linear Technology | [Terms of Use](#) | [Privacy Policy](#)

Evaluation Kits

Part Number	Description	Price
DC1311A-A	LTC3805 Isolated Demo Board, Vin: 18V to 72V, Vout: 3.3V/3A	\$75.00
DC1311A-B	LTC3805-5 Isolated Demo Board, Vin: 18V to 72V, Vout: 3.3V/3A	\$75.00
Buy Now		

[BACK TO TOP](#)

APPLICATIONS

[BACK TO TOP](#)

SIMULATE

To simulate selected Linear Technology products, please download [LTSpice / SwitcherCAD III](#). This powerful schematic capture and simulation tool includes macro models for 80% of Linear Technology's switching regulators, over 200 op amp models, as well as resistors, transistors and MOSFET models.

For other simulation tools, visit our [Design Simulation and Device Models](#) page.

[BACK TO TOP](#)