Design Center > Evaluation Hardware & Software > Product Evaluation Boards and Kits > DC667A

DC667A

LTC3416EFE Demo Board | 2.25V ≤ V_{IN} ≤ 5.5V, V_{OUT}= 1.8V/2.5V/3.3V/Adjustable @ 4A

Overview
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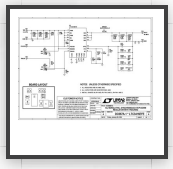

Overview

Product Details

Demonstration circuit 667 is a high efficiency, high frequency buck converter, incorporating the LTC3416 monolithic synchronous regulator. DC667 operates in forced continuous operation and provides tracking of another power supply rail. It operates from an input voltage range of 2.25V to 5.5V and provides 4A of output current at jumper-selectable output voltage of 1.8V, 2.5V, 3.3V or a user-determined voltage.

Applicable Parts

- LTC3416

Documentation

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Design & Integration Files

DC667A - Design File ZIP 647.00K

Demo Board Schematic

DC667A - Schematic PDF 63.00K

Evaluation Kit Manuals

DC667A - Demo Manual PDF 176.00K

Software

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LTpowerCAD

LTC3416 Project - 4A, 4MHz, Monolithic Buck Regulator (2.5-5V to 1.8V @ 4A)