EVAL-ADP2230

ADP2230 Evaluation Board

Features

- Input voltage range: 2.3 V to 6.5 V
  Adjustable output voltage range: 0.8 V to 6 V
- Minimum guaranteed continuous output current: 800 mA
- Up to 94% efficiency
- Low quiescent current of 15 µA for both channels in power
- saving mode (PSM)
- Low shutdown current: 0.1 µA (typical)
- 100% duty cycle for low dropout operation
- SYNC pin switching frequency options
  2 MHz fixed pulse-width modulation (PWM) mode
  2 MHz PSM/PWM automatic transitioning mode
  External clock synchronization from 1.5 MHz to 2.5 MHz
- Enable input with precision thresholds for each output
- 180° phase shifted PWM outputs for minimum VIN ripple
- Current-limit and thermal shutdown (TSD) protection
- Quick output discharge (QOD)
- 10-lead, 3 mm × 3 mm × 0.75 mm LFCSP package
- Operating temperature range: −40°C to +125°C

Parts on PCB

- ADP2230

Product Details

The ADP2230 evaluation board aids in rapid testing of the performance of the ADP2230. The evaluation board ships with the adjustable output option, allowing for testing to be performed on multiple output voltages. The boards come preconfigured to have one output set to 1.2 V, and one output set to 3.3 V. T

user can adjust the output by replacing set resistors on the evaluation board.

For more information about the ADP2230 dual buck converter, see the ADP2230 data sheet.

Evaluation Boards

Pricing displayed is based on 1-piece.

Model	Description	Price	RoHS
ADP2230CP-EVALZ	Evaluation Board		Yes