LM26420 2.2 MHz, LLP Synchronous Buck Evaluation Board

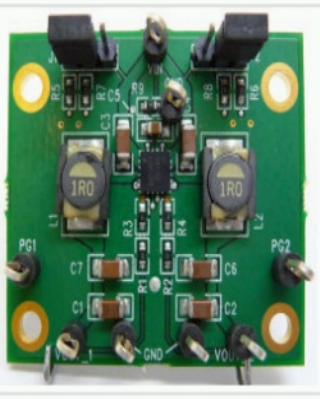
(ACTIVE) LM26420XSQEVAL

Description & Features | Technical Documents | Support & Community | Order Now

Key Document

- **AN-1870 LM26420 Evaluation Board (Rev. B)** (PDF 557 KB)
  24 Apr 2013 148 views Read Abstract

- View All Technical Documents (1)



Description

The LM26420 Evaluation board was designed to provide two 2A outputs, V_{OUT1} and V_{OUT2} . It is available in either the eTSSOP package option of the LM26420 for easier probing or the LLP version for evaluating the smaller package. The design emphasizes on the compactness of the LM26420 PCB layout and is thermally optimized. The total solution size is less than 35mm by 40mm. The board supports the conversion from an input voltage ranging from 3V to 5.5V down to output voltages of 0.8V for each channel. V_{OUT1} and V_{OUT2} are set to 1.2V and 2.5V respectively. The feedback resistor can be changed to support output voltages as low as 0.8V or as high at 4.5V, assuming VIN is high enough to support it. The EN pins are pulled up to V_{IN} by jumpers for easy evaluation but can also be easily controlled by external logic.

Features

- Input Voltage: 3V to 5.5V
- Output Voltages: 1.2 V_{OUT1} and 2.5 V_{OUT2}
- Maximum load current: 2A/output
- Minimum load current: 0A
- Size: 1.35 in. x 1.6 in.
- Peak Current Limit: approx= 3.2A at 25°C
- Nominal Switching Frequency: 2.2 MHz
- IC package LLP

Order Now

Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS
LM26420XSQEVAL/NOPB: LM26420 2.2 MHz, LLP Synchronous Buck Evaluation Board	$99.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes

Contact a Distributor United States Go

TI's Standard Terms and Conditions for Evaluation Modules apply.

Technical Documents

User Guides (1)

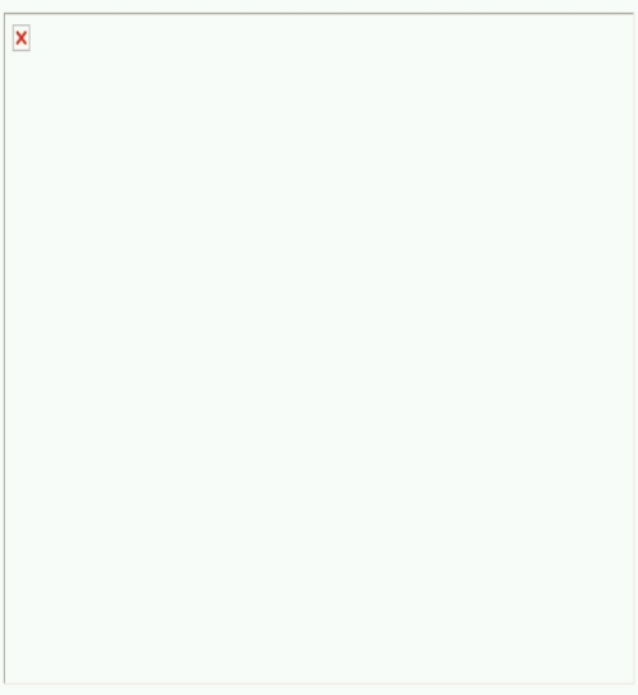
Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
AN-1870 LM26420 Evaluation Board (Rev. B)	Read Abstract	PDF	557	24 Apr 2013	148	✓

Related Products

TI Devices (2)

Part Number	Name	Product Family
LM26420	Dual 2.0A, High Frequency Synchronous Step-Down DC-DC Regulator	Converter (Integrated Switch)
LM26420-Q1	Dual 2.0A, High Frequency Synchronous Step-Down DC-DC Regulator	Converter (Integrated Switch)

Videos



TSC2013 EVM - Low Power, Dual Resistive Touch Controller

A demonstration and explanation of the features and functionality of the TSC2013 touch screen controller.

Posted: 10-Nov-2014
Duration: 1:57
Views: 9
Tags: touch screen controller, resistive touch screen controller

TSC2013 EVM is now avaialble to order.

Related Videos

TSC2013 EVM - Low Power, Dual Resistive Touch Controller

Support and Community

Wikis

Visit the TI Wiki

TI E2E™ community

TI E2E™ Community

As a member of my.TI you can join the TI E2E™ Community where you can ask questions, share ideas and collaborate with fellow engineers and TI experts

Contents are provided "AS IS" by the respective TI and Community contributors and do not constitute TI specifications. See Terms of use.

Engage in the Community

- Amplifiers
- Broadband RF/IF & Digital Radio
- Clocks & Timers
- Data Converters
- DLP® & MEMS
- Interface
- Logic
- Power Management
- Wireless Connectivity

Training & events

Name	Type	Available During
Georgia Tech MOOC: Control of Mobile Robots Learn how to make mobile robots move in effective, safe, predictable, and collaborative ways using modern control theory.	On-Line Training	On Demand

See more training & events

Customer Tags

No Tags are Available for this Part Number

Create a Tag

Other Support

- TI E2E Community
- Contact Technical Support
- Training

Your History

Products You Recently Viewed

- lmz30606evm-003
- lmz31704evm-003
- lmz31707evm-002
- lm5010-eval
- lmr24220rb

TI is a global semiconductor design and manufacturing company. Innovate with 100,000+ analog ICs and embedded processors, along with software, tools and the industry's largest sales/support staff.

© Copyright 1995-2014 Texas Instruments Incorporated. All rights reserved.
Trademarks | Privacy policy | Terms of use | Terms of sale