Dual sync Buck with TPS51124

(ACTIVE) PMP4575

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Description

Synchronous dual output buck converter supplies two cores with 7A each out of 5V to 20V source

TI Devices (1)

Get more information on the TI products in this reference design.

Part Number	Name	Product Family
TPS51124	Dual, Synchronous Step Down Controller for Low Voltage System Power	Controller (External Switch)

Bill of Materials

Find the complete list of components in this reference design.

Download BOM

CAD/CAE Symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS51124	VQFN (RGE) | 24	Download	-

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Step 1: Download and install the Ultra Librarian software ZIP: 62MB

Step 2: Download the Symbol and Footprint .bxl file.

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4575 Test Results		PDF	1700	18 Nov 2011	196

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4575 BOM		PDF	30	18 Nov 2011	190
PMP4575 Schematic		PDF	71	18 Nov 2011	191

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Videos

Power Tip 58: Power supply grounding; which camp are you in?

In this power tip video senior applications engineer, Robert Kollman, discusses different methods for grounding power supply.

Posted: 27-Oct-2013
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