

TI DSP (Faraday / Curie) core supply

(ACTIVE) PMP2702

 Description & Features

 Technical Documents

 Support & Community

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Description

Ultrasmall synchronous buck with VID interface dedicated for TI DSP Faraday/Curie core voltage out of 5V/1.2V using TPS40197

TI Devices (1)

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

Part Number	Name	Product Family
TPS40197	4.5V To 14V Input Synchronous Buck Controller With 4-Bit Vid Interface And Power Good	Controller (External Switch)

Bill of Materials

Find the complete list of components in this reference design.



CAD/CAE Symbols

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
TPS40197	VQFN (RGY) 16	Download	-

Texas Instruments and Accelerated Designs Inc. have collaborated together to provide TI customers with schematic symbols and PCB layout footprints for TI products.

Step 1: Download and install the Ultra Librarian software [ZIP: 62MB](#)

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

[- read more -](#)

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP2702 Test Results		PDF	854	16 Nov 2011	196

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP2702 BOM		PDF	28	16 Nov 2011	194
PMP2702 Schematic		PDF	73	16 Nov 2011	196

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Wikis

Visit the TI Wiki

Videos

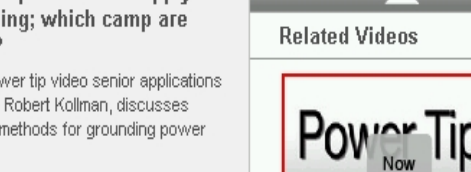
Power Tip 58: Power supply grounding; which camp are you in?

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

Posted: 27-Oct-2013
Duration: 3:30
Views: 323

Tags: power tip, power management, power reference designs, powerlab, power management solutions

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