

TI DSP core supply with VID

(ACTIVE) PMP4721

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 [Technical Documents](#)

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Description

best in class core supply for TI Faraday DSP

TI Devices (3)

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

Part Number	Name	Product Family
CSD16406Q3	N-Channel NexFET™ Power MOSFET	Power MOSFET
CSD16411Q3	N-Channel NexFET™ Power MOSFET	Power MOSFET
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 (.bxd)	STEP Model (.stp)
CSD16406Q3	SON (DQG) 8	Download	-
	SON (DQV) 8	Download	-
CSD16411Q3	SON (DQG) 8	Download	-
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 .bxl file.

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP4721 Test Results		PDF	776	18 Nov 2011	197

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP4721 BOM		PDF	30	18 Nov 2011	193
 PMP4721 Schematic		PDF	84	18 Nov 2011	195

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Wikis

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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
Duration: 3:30
Views: 323
Tags: power tip, power management, power reference designs, powerlab, power management solutions
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Power Tip 56: Estimate PWB interconnect inductance

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