

[TI Home](#) > [Semiconductors](#) > [Power Management](#) > [Synchronous Buck \(3.3V@16.0A\) for Telecom](#)

▼ Worldwide (In English)

Synchronous Buck (3.3V@16.0A) for Telecom

(ACTIVE) PMP4713

[Description & Features](#)
[Technical Documents](#)
[Support & Community](#)
[Order Now](#)

 View the [Important Notice for TI Designs](#) covering authorized use, intellectual property matters and disclaimers.

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

Bill of Materials (BOM)

Find the complete list of components in this reference design.

Parametrics

	PMP4713
V _{in} (Min) (V)	7
V _{in} (Max) (V)	14
V _{out} (Nom) (V)	3.3
I _{out} (Max) (A)	16
Output Power	52.8
Isolated/Non-Isolated	Non-Isolated
Input Type	DC
Topology	Buck- Synchronous

TI Devices (1)

Order samples, get tools and find more information on the TI products in this reference design.

Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
TPS40304	3V to 20V Wide Input Synchronous Buck Controller for High Power Density, 600kHz, 600mV 1% Reference	Controller (External Switch)	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package Pins	CAD File (.bxi)	STEP Model (.stp)
TP540304	 VSON (DRC) 10	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
PMP4713 Test Results		PDF	715	12 Nov 2010	13

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4713 Schematic		PDF	86	12 Nov 2010	13
PMP4713 REVE BOM		PDF	20	12 Nov 2010	15

Support & Community

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

Wikis

Visit the TI Wiki

Videos



Leading source for power reference designs

TI's industry leading PowerLab™ reference design library has now evolved into TI Designs. This video explains how to use the enhanced selection tool within TI Designs to quickly and efficiently search

Posted: 08-Oct-2014
Duration: 1:00
Views: 728

Tags: power management, power reference design, power management solutions, powerlab, power management designs, power design solutions, ti designs-power, ti designs, portable powerline power

★★★★☆

[Click here to jump start your design with TI Designs for](#)

Related Videos



Leading source for power reference designs



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

Other Support

- TI E2E Community
Contact Technical Support

Your History

Products You Recently Viewed

- PMP9353.2
PMP4711
PMP2647
PMP9353.1
PMP5651