# Microcontroller supply

(ACTIVE) PMP5609

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

View the Important Notice for TI Designs covering authorized use, intellectual property matters and disclaimers.

## Description

Simple, low power, dual output supply w/ TPS54040 to supply microprocessors or similar output from widest input voltage range.

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

## Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

## TI Devices (3)

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 |
|---|---|---|---|---|
| TPS54060 | 3.5V to 60V Input, 0.5A Step-Down Converter with Eco-Mode | Converter (Integrated Switch) | Sample & Buy | View Design Kits & Evaluation Modules |
| TPS54060-EP | TPS54060-EP- 0.5-A, 60V Step Down DC/DC Converter with Eco-Mode | Converter (Integrated Switch) | Sample & Buy | View Design Kits & Evaluation Modules |
| TPS73733 | Single Output LDO, 1A, Fixed (3.3V), Reverse Current Protection | Linear Regulator (LDO) | Sample & Buy | View Design Kits & Evaluation Modules |

## CAD/CAE symbols

| Part # | Package \| Pins | CAD File (.bxl) | STEP Model (.stp) |
|---|---|---|---|
| TPS54060 | HVSSOP (DGQ) \| 10 | Download | Download |
| | VSON (DRC) \| 10 | Download | - |
| TPS73733 | SOT (DCQ) \| 6 | 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.

- read more -

## Technical Documents

### User Guides (1)

| Title | Abstract | Type | Size (KB) | Date | Views |
|---|---|---|---|---|---|
| PMP5609 Test Results | | PDF | 380 | 21 Nov 2011 | 15 |

### Design Files (2)

| Title | Abstract | Type | Size (KB) | Date | Views |
|---|---|---|---|---|---|
| PMP5609 BOM | | PDF | 29 | 21 Nov 2011 | 19 |
| PMP5609 Schematic | | PDF | 63 | 21 Nov 2011 | 22 |

## 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

**Posted:** 08-Oct-2014
**Duration:** 1:00
**Views:** 610
**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 Power Management

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**

- TIPD109
- launchxl-tms57004
- ads5421evm
- ads6129evm
- TIDA-00008



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