Automotive USB Charger producing 5V@2A

Status: ACTIVE

PMP8851

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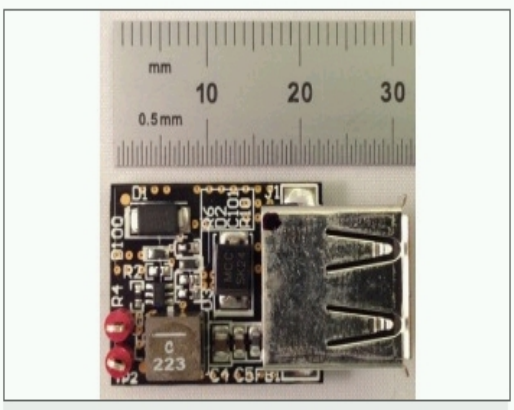
Description

This design is an Automotive USB Charger, taking a synchronous buck with a wide range of inputs. The parts that drive this design are the TPS54340 and the TPS2511.



Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8851 Test Results		PDF	948	19 Jul 2013	26

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8851 BOM		PDF	92	19 Jul 2013	28
PMP8851 Schematic		PDF	145	19 Jul 2013	34

Related Products

TI Devices (2)

Part Number	Name	Product Family
TPS2511	USB Dedicated Charging Port Controller and Current Limiting Power Switch	USB Power Switch
TPS54340	42 V Input, 3.5 A, Step-Down DC/DC Converter with Eco-mode™	Converter (Integrated Switch)

Support and Community

Wikis

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Training & Events

Name	Type	Available During
Multi-Day PFC Design Workshop (Analog & Digital) sponsored by Biricha Digital Power Ltd.	In-Person	03 Dec 2013 - 05 Dec 2013
Multi-Day PFC Design Workshop (Analog & Digital) sponsored by Biricha Digital Power Ltd.	In-Person	03 Dec 2013 - 05 Dec 2013
In-depth PFC Design Workshop	In-Person	12 Nov 2013 - 14 Nov 2013
Digital Power Multi-Day Workshop	In-Person	05 Nov 2013 - 07 Nov 2013
WEBENCH® Power Designer - Electrical Simulation	Recorded Content	On Demand

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- pmp9041

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