Uses TPS40210 in Sepic configuration to generate 5V @ 1.2A

(ACTIVE) PMP5540

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Description

wide input range, low power sepic for 5V @1.2A w/ TPS40210 (external switch)

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

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Parametrics

	PMP5540
Vin (Min) (V)	3
Vin (Max) (V)	10
Vout (Nom) (V)	5
Iout (Max) (A)	1.2
Output Power	6
Isolated/Non-Isolated	Non-isolated
Input Type	DC
Topology	Sepic- CCM

TI Devices (1)

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Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
TPS40210	Wide Input Range Current Mode Boost Controller	Controller (External Switch)	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS40210	HVSSOP (DGQ) | 10	Download	Download
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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5540 Test Results		PDF	294	15 Aug 2011	17

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5540 BOM		PDF	29	02 Aug 2011	17
PMP5540 Schematic		PDF	68	02 Aug 2011	20

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