TPS40210, 26V SEPIC

(ACTIVE) PMP5657.2

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Description

Two sepics, 12Vout and 26Vout, both w/ TPS40210, to deal with wide input voltage range 10Vdc to 32Vdc

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

Parametrics

	PMP5657.2
Vin (Max) (V)	32
Vin (Min) (V)	10
Vout (Nom) (V)	26
Iout (Max) (A)	1.3
Output Power	33.8
Isolated/Non-Isolated	Non-Isolated
Input Type	DC
Topology	Sepic- CCM

TI Devices (2)

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
TPS40055	Wide Input (8V-40V) up to 1MHz Frequency Synchronous Buck Controller, source/sink	Controller (External Switch)	Sample & Buy	View 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)
TPS40055	HTSSOP (PWP) | 16	Download	Download
TPS40210	HVSSOP (DGQ) | 10	Download	Download
	VSON (DRC) | 10	Download	-

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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
PMP5657.2 Test Results		PDF	377	21 Nov 2011	20

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5657.2 BOM		PDF	30	21 Nov 2011	20
PMP5657.2 Schematic		PDF	52	21 Nov 2011	38

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