Boost (20V@4A)

(ACTIVE) PMP5578

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Bill of Materials (BOM)

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Parametrics

	PMP5578
Vin (Max) (V)	16
Vin (Min) (V)	12
Vout (Nom) (V)	20
Iout (Max) (A)	4
Output Power	80
Isolated/Non-Isolated	Non-Isolated
Input Type	DC
Topology	Boost- Non Sync

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
TPS40210	Wide Input Range Current Mode Boost Controller	Controller (External Switch)	Sample & Buy	View Design Kits & Evaluation Modules
UCC27324	Dual 4 A Peak High Speed Low-Side Power MOSFET Drivers	AC/DC and Isolated DC/DC Power Supply	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
	VSON (DRC) | 10	Download	-
UCC27324	SOIC (D) | 8	Download	Download
	HVSSOP (DGN) | 8	Download	Download
	WSON (DSD) | 8	Download	-
	PDIP (P) | 8	Download	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.

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5578 Test Results		PDF	742	10 Nov 2010	16

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5578 Schematic		PDF	52	10 Nov 2010	27
PMP5578 REVA BOM		PDF	20	10 Nov 2010	18

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