SEPIC 19V@4.7A

(ACTIVE) PMP5064

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Description

This SEPIC converter delivers 89W of power from a 9V - 33V input and achieves an efficiency of 90%. Possible applications include automotive, security and industrial.

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

Parametrics

	PMP5064
Vin (Min) (V)	9
Vin (Max) (V)	33
Vout (Nom) (V)	19
Iout (Max) (A)	4.7
Output Power	89.3
Isolated/Non-Isolated	Non-isolated
Input Type	DC
Topology	Sepic- CCM

TI Devices (1)

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

CAD/CAE symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS40210	HVSSOP (DGQ) | 10	Download	Download
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Step 1: Download and install the Ultra Librarian software ZIP: 62MB

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5064 Test Results		PDF	951	15 Aug 2011	26

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5064 BOM		PDF	62	02 Aug 2011	33
PMP5064 Schematic		PDF	55	02 Aug 2011	55

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