LED driver 16.8V@2.6A

(ACTIVE) PMP4531

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Description

high power 2.6A LED driver (sepic) for up to four LEDs P7 out of 12V to 24V input

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

Parametrics

	PMP4531
Vin (Max) (V)	24
Vin (Min) (V)	12
Vout (Nom) (V)	16.8
Iout (Max) (A)	2.6
Output Power	43.68
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
TPS40211	Wide Input Range Current Mode Boost Controller	LED Driver	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS40211	HVSSOP (DGQ) | 10	Download	Download
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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4531 Test Results		PDF	129	15 Aug 2011	20

Design Files (3)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4531 Gerber		ZIP	106	18 Aug 2011	12
PMP4531 BOM		PDF	31	01 Aug 2011	16
PMP4531 Schematic		PDF	70	01 Aug 2011	24

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