Wide input 18V to 75V, 3.3V @ 20Amax

(ACTIVE) PMP7032

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Description

wide input range 4:1 telecom active clamp forward 3V3 bus converter that provides I/O voltage up to 20Amps peak

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

Parametrics

	PMP7032
Vin (Max) (V)	75
Vin (Min) (V)	18
Vout (Nom) (V)	3.3
Iout (Max) (A)	20
Output Power	66
Isolated/Non-Isolated	Isolated
Input Type	DC
Topology	Forward- Active Clamp

TI Devices (3)

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Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
CSD17312Q5	30V N-Channel NexFET™ Power MOSFET	Power MOSFET	Sample & Buy	Not Available
UCC2897	Current Mode Active Clamp PWM Controller	AC/DC and Isolated DC/DC Power Supply	Sample & Buy	Not Available
UCC2897A	Advanced Current-Mode Active Clamp PWM Controller	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)
CSD17312Q5	VSON-CLIP (DQH) | 8	Download	-
UCC2897A	TSSOP (PW) | 20	Download	Download
	VQFN (RGP) | 20	Download	-

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7032 Test Results		PDF	466	23 Nov 2011	18

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7032 BOM		PDF	30	23 Nov 2011	26
PMP7032 Schematic		PDF	63	23 Nov 2011	39

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