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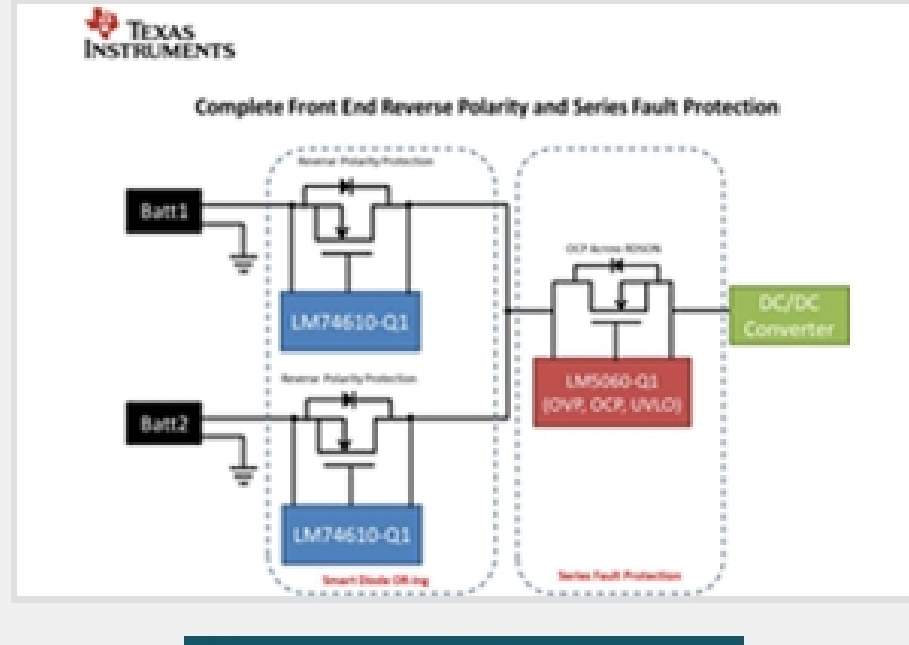
Key Document

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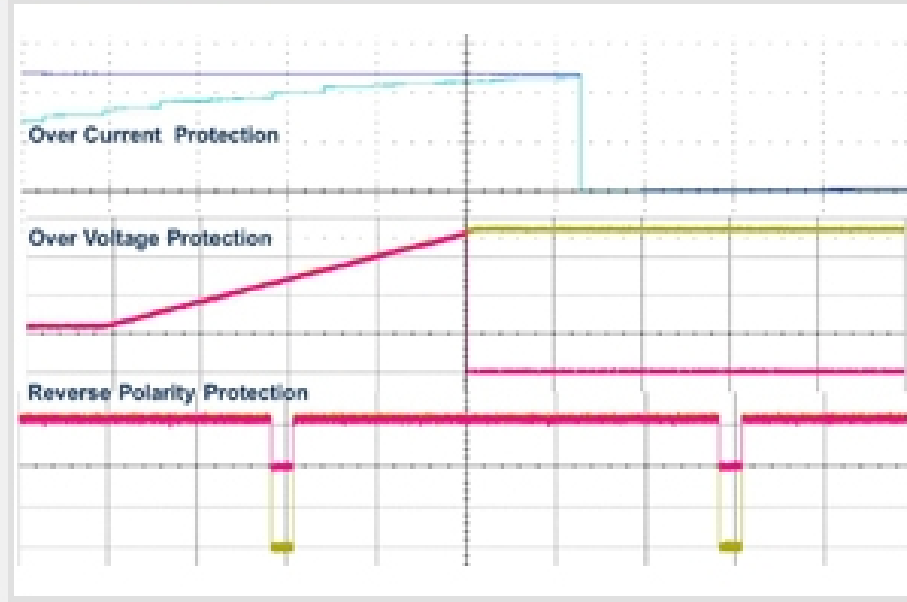
1 Fully assembled board (shown above) developed for testing and performance validation only, not available for sale.

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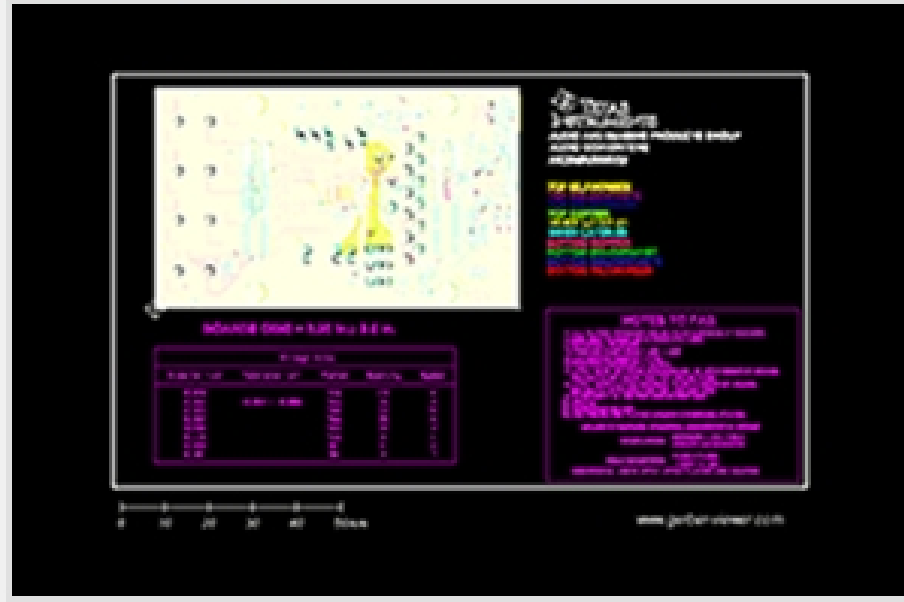
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	PMP10748
Vin (Min) (V)	8
Vin (Max) (V)	35
Vout (Nom) (V)	35
Iout (Max) (A)	20
Output Power (W)	700
Isolated/Non-Isolated	Non-Isolated
Input Type	DC
Topology	OR'ing Other

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Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
CSD18501Q5A	40V N-Channel NexFET Power MOSFETs, CSD18501Q5A	Power MOSFET	Sample & Buy	Not Available
LM5060-Q1	High-Side Protection Controller with Low Quiescent Current	Hot Swap Control, Protection and Monitoring	Sample & Buy	Not Available
LM74610-Q1	Zero Iq Reverse Polarity Protection Smart Diode Controller	Power Protection, Distribution, Monitoring	Sample & Buy	View Design Kits & Evaluation Modules

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
CSD18501Q5A	VSONP (DQJ) 8	Download	-
LM5060-Q1	VSSOP (DGS) 10	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.

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Technical Documents

Datasheet (2)

Title	Abstract	Type	Size (KB)	Date	Views
 LM74610-Q1 Zero IQ Reverse Polarity Protection Smart Diode Controller (Rev. A)		PDF	870	10 Oct 2015	
LM5060 High-Side Protection Controller with Low Quiescent Current (Rev. F)		PDF	1155	29 Mar 2013	

User guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
 PMP10748 Test Results		PDF	1204	14 Oct 2015	12	✓

Design files (6)

Title	Abstract	Type	Size (KB)	Date	Views
PMP10748 Gerber		ZIP	186	14 Oct 2015	4
PMP10748 Altium		ZIP	712	14 Oct 2015	4
 PMP10748 PCB		PDF	315	14 Oct 2015	4
 PMP10748 Assembly Drawing		PDF	99	14 Oct 2015	2
 PMP10748 BOM		PDF	121	14 Oct 2015	6
 PMP10748 Schematic		PDF	170	14 Oct 2015	18

Related Tools & Software

Reference Designs (8)

Name	Part Number	Tool Type
Automotive Reverse Battery Protection Reference Design with Overcurrent and Overvoltage Shutoff	PMP9498	TI Designs
System Level reference design for 30W ADAS system with all required Automotive Protections	PMP10652.1	TI Designs
System Level reference design for 30W ADAS system with all required Automotive Protections	PMP10652.2	TI Designs
System Level reference design for 30W ADAS system with all required Automotive Protections	PMP10652.3	TI Designs
System Level reference design for 30W ADAS system with all required Automotive Protections	PMP10652.4	TI Designs
System Level reference design for 30W ADAS system with all required Automotive Protections	PMP10652.5	TI Designs

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