Isolated Flyback without optocoupler (6.2V @ 1A)

(ACTIVE) PMP7024.2

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Description

This flyback without optocoupler generates 12V @ 0.6A and 6.2V @ 1A from an input voltage range of 18 to 28V.

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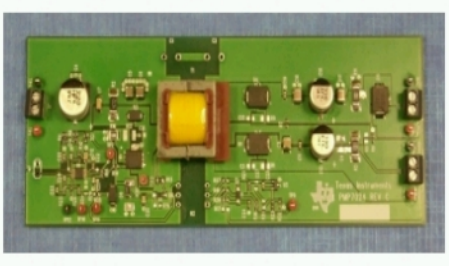

Top view

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

Parametrics

	PMP7024.2
Vin (Max) (V)	28
Vin (Min) (V)	18
Vout (Nom) (V)	6.2
Iout (Max) (A)	1
Output Power	6.2
Isolated/Non-Isolated	Isolated
Input Type	DC
Topology	Flyback- CCM

TI Devices (1)

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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)
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