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Buck Reference



Design

PMP403

Status: ACTIVE



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	PMP403
Name	Buck Reference Design
Status	ACTIVE
Price (US\$)	Free

Product Information

Description

pd4ml evaluation copy. visit <http://pd4ml.com>

Description

This reference design is a buck converter that can deliver up to 2A of continuous current at -24 V from an input range of -35 V to -75 V. By referencing the UCC3813 controller to the negative input rail, the N-channel MOSFET is easily driven. This design achieves a peak efficiency greater than 95%. The UCC3813 provides current mode control for excellent line and load transient response.

Related Products

Related Devices		
Part#	Name	Product Family
UCC2813-0	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC2813-1	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC2813-2	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC2813-3	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC2813-4	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply

UCC2813-5	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC3813-0	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC3813-1	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC3813-2	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC3813-3	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC3813-4	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply
UCC3813-5	Low Power Economy BiCMOS Current Mode PWM	AC/DC and DC/DC Power Supply

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Name	Type	Available During
eZ430-Chronos Teardown	On-Line	On Demand

The eZ430-Chronos is the development tool that put a complete open-source development system in a RF-enabled sport's watch.	Training	
MSP430™ Value Line LaunchPad – A complete and open source development kit for ju LaunchPad is the newest development tool to come out of MSP430's Value Line.	On-Line Training	On Demand

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