

3a 36v Synchronous Step Down Converter

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3a 36v Synchronous Step Down

synchronous DC/DC step-down converter that can deliver up to 3A output current over a wide input voltage range from 4.5V to 36V. The device integrates 95m Ω high-side and 70m Ω low-side MOSFETs to achieve high conversion efficiency. The current-mode control architecture supports fast transient response and simple external compensation.

3A, 36V, Synchronous Step-Down Converter

synchronous step-down DC/DC converter that can deliver up to 3A output current over a wide input voltage range from 4.5V to 36V. The device integrates 105m Ω high-side and 80m Ω low-side MOSFETs to achieve high conversion efficiency. The current-mode control architecture supports fast transient response and simple external compensation.

3A, 36V, Synchronous Step-Down Converter

MP4423H 36V, 3A SYNCHRONOUS STEP-DOWN CONVERTER MP4423H Rev. 1.0 www.MonolithicPower.com 3 8/18/2014 MPS Proprietary Information. Patent Protected.

MP4423H High Efficiency 3A, 36V, Synchronous Step Down ...

MP9943 - 36V, 3A PEAK SYNCHRONOUS STEP-DOWN CONVERTER MP9943 Rev.1.0 www.MonolithicPower.com 3 8/8/2014 MPS Proprietary Information. Patent Protected.

MP9943 High Efficiency 3A Peak, 36V, Synchronous Step-Down ...

The MP9943A is a high-frequency, synchronous, rectified, step-down, switch-mode converter with built-in power MOSFETs. It offers a very compact solution to achieve a 3A peak output current with excellent load and line regulation over a wide input supply range.

High Efficiency 3A Peak, 36V, Synchronous Step-Down ...

MP4433 - 36V, 3A, LOW IQ, SYNCHRONOUS STEP-DOWN CONVERTER MP4433 Rev. 1.01 www.MonolithicPower.com 2 1/12/2018 MPS Proprietary Information.

MP4433 36V, 3A, Low Quiescent Current, Synchronous, Step ...

,3A, 36V, Synchronous Step-Down Converter, 3A Output Current, Internal N-MOSFETs, Current Mode Control, Adjustable Switching Frequency : 300kHz to 2.1MHz, Adjustable Current Limit : 1.5A to 6A, Synchronous to External Clock : 300kHz to 2.1MHz, Adjustable Output Voltage from 0.6V to 24V, High Efficiency Up to 95%, Stable with Low ESR Ceramic Output Capacitors, Cycle-by-Cycle Current Limit ...

RT2875A/RT2875B - 3A, 36V, Synchronous Step-Down Converter ...

Description: The LM43603 regulator is an easy-to-use synchronous step-down DC-DC converter capable ofdriving up to 3 A of load current from an input voltage ranging from 3.5 V to 36 V (42 V abs max).The LM43603 provides exceptional efficiency, output accuracy and dropout voltage in a very smallsolution size.

LM43603PWPT | 3.5V to 36V, 3A Synchronous Step-Down ...

LMR24210 ACTIVE 42Vin, 1.0A Step-Down Voltage Regulator in micro SMD Next-generation 3.8-V to 36-V, 3-A synchronous buck converter with ultra-low EMI. LMR33630 ACTIVE SIMPLE SWITCHER® 3.8V to 36V, 3A Synchronous Buck Converter With Ultra-Low EMI Next-generation 3.8-V to 36-V, 3-A synchronous buck converter with ultra-Low EMI.

LMR23630 data sheet, product information and support | TI.com

MP2403 3A, 32V, 250kHz INTEGRATE D SYNCHRONOUS STEP-DOWN CONVERTER MP2403 Rev.1.0 www.MonolithicPower.com 4 1/21/2020 MPS Proprietary Information.

MP2403 3A, 32V, 250kHz Integrated Synchronous Step-Down ...

The MAX17242/MAX17243 high-efficiency, synchronous step-down DC-DC converters with integrated MOSFETs operates over a 3.5V to 36V input voltage range, and can operate in drop-out condition by running at 99% duty cycle. The converters deliver up to 2A

MAX17242 3.5V-36V, 2A/3A, Synchronous Buck Converter with ...

3A, 36V, 2MHz Non-synchronous Step-Down Converter General Description The EML3193B is frequency adjustable, 3A, current-mode step-down converter with an integrated high-side switch. The EML3193B operates with the wide input voltage from 4.5V to 36V and provides an adjustable output voltage from 0.808V to 30V. The EML3193B features a PWM mode

3A, 36V, 2MHz Non-synchronous Step-Down Converter

3A, 36V, 1.5MHz Non-synchronous Step-Down Converter General Description The EML3193 is frequency adjustable, 3A, current-mode step-down converter with an integrated high-side switch. The EML3193 operates with the wide input voltage from 4.5V to 36V and provides an adjustable output voltage from 0.808V to 30V. The EML3193 features a PWM mode

3A, 36V, 1.5MHz Non-synchronous Step-Down Converter

The R1276S from Ricoh Electronic Devices is a 36-V rated synchronous step-down dc-dc converter with built-in transistor. Under cranking condition, the switching frequency is automatically reduced to keep output voltage level constant. This is a high-reliability semiconductor device for industrial application (-Y) that has passed both the screening at high temperature and the reliability test ...

30V, 3A Synchronous Step-Down DC-DC Converters - New ...

General Description The MAX17662 is a high-efficiency, synchronous step-down DC-DC converter with integrated MOSFETs oper-ating over an input-voltage range of 3.5V to 36V.

MAX17662 - 3.5V to 36V, 2A, High-Efficiency, Synchronous ...

The HM1484D is a high frequency, synchronous, rectified, step-down, switch-mode converter with internal power MOSFETs. It offers a very compact solution to achieve a 4A peak output current over a wide input supply range, with excellent load and line regulation.

HM 30V 3A 500KHz Synchronous Step-Down Regulator

100A, Scalable, and Fully Integrated DC/DC Power Module with a PMBus Interface

Step-Down - Power Modules - Power Management - Products

,3A, 36V, 500kHz Synchronous Step-Down Converter , 4.5V to 36V Input Voltage Range, 3A Output Current, Internal N-MOSFETs, Current Mode Control, Fixed Frequency Operation : 500kHz, Adjustable Output Voltage from 0.8V to 30V, High Efficiency Up to 95% , Stable with Low ESR Ceramic Output Capacitors, Cycle-by-Cycle Current Limit, Input Under Voltage Lockout, Output Under Voltage Protection ...

RT7272A - 3A, 36V, 500kHz Synchronous Step-Down Converter ...

L6983 - 38V 3A synchronous step-down converter with 17uA quiescent current. IC. L6983 - 38V 3A synchronous step-down converter with 17uA quiescent current. 7 April, 2020. 1440. Views 0 Comments. The L6983 is an easy to use synchronous monolithic step-down regulator capable of delivering up to 3 A DC to the load.