

2A, 24V Step-Up Regulator

DESCRIPTION

The ETA1611 is a high efficiency step-up converter with an internally integrated 24V power MOSFET. It runs with an optimal 1MHz frequency that enables the use of small external components while still providing the best efficiency. It can drive up to 2A output current. The incorporated true PWM-Dimming feature through EN pin enable one further digitally program the output voltage lower. For maximum protection, the ETA1611 has an OVP protection feature that prevents the output voltage exceeding the maximum rating of the ETA1611 and the output cap during open conditions.

ETA1611 is available in a space-saving SOT23-6 package.

FEATURES

- Up to 95% Efficiency
- 25V OVP protection
- True PWM Brightness Control
- 200mV Feedback Voltage
- 2.8A current limit
- SOT23-6 Package

APPLICATIONS

- Portable power bank
- Powering 3G module
- Large LCD display backlight driving up to 90 LEDs
- Satellite STB
- Bluetooth Speaker
- Large TFT screen bias
- Other application which needs high voltage and high current generation

TYPICAL APPLICATION

