

**Micro-Power Step up DC-DC Converter****Feature**

- Operating Voltage: 2.5V to 6.0V.
- High Operating Frequency: 1MHz
- High Output Voltage: Up to 28V
- Shutdown Current <math><1\mu\text{A}</math>
- Digital Dimming Control.
- Built-in Cycle-by Cycle Current-Limiting.
- Built-in Soft-Start Function.
- $\pm 1.5\%$ 1.23V Reference Voltage
- Tiny SOT-23-5 Package

Description

The AT1308A step-up converter is designed for small or medium size LCD panel of high bias voltage with a constant current to provide PDAs, and other hand-held devices. It features a fast 1.0 MHz current-mode PWM control with a built-in 0.3Ω N-MOS that allows for smaller capacitor and inductor. Fault condition protection uses cycle-by-cycle current limiting to sense maximum inductor current and thermal protection. Also included soft-start eliminates inrush current during start-up.

The AT1308A is available in 5-pin SOT-23-5 packages.

Application

- STN/OLED Bias
- Personal Digital Assistants(PDAs)
- DSC

Ordering Information

Part number	Package	Marking
AT1308AX_GRE	SOT-23-5, Green	308A

**For more marking information, contact our sales representative directly*

Pin Configuration