



Preliminary and provisional

SINGLE-CHANNEL STEP UP DC/DC CONVERTER

Features

- Wide Operating Voltage : 2.5V to 7V
- Low Dissipation Current : Typically 2.0mA
In Operation, 1 μ A or Less in Shut down Mode
- Power Ready Control
- Output Short Circuit Protection
- Operating Frequency : 800kHz
- Internal Soft Start
- Channel Control
- Minimized External Components

Pin Configuration

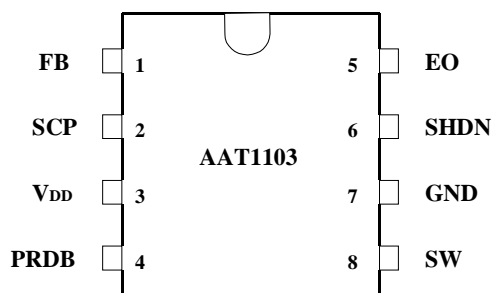
General Description

The AAT1103/AAT1103A is a single channel pulse-width-modulation (PWM) controller circuit solution for low voltage applications. A low minimum operating voltage of 2.5V is ideal for the power supply voltage of Li-Ion battery-operated electronic equipment.

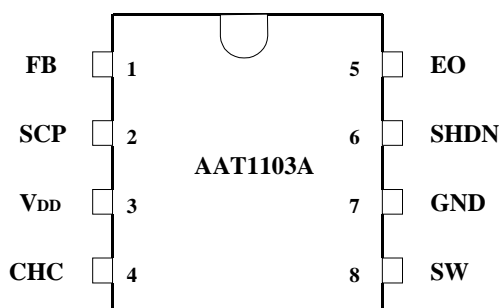
The IC provides soft start, short circuit protection and shut down functions. During shut down mode, current consumption is reduced less than 1 μ A. The error amplifier gain is built in the IC, so external components are minimized. An external compensation pin gives user flexibility in determining loop compensation.

*Spec is subject to change without notice in this document.

TOP VIEW



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SOP-8 & TSSOP-8