

■ General Description

The AME8869 is a low dropout regulator with 150mA output driving capacity and ultralow Quiescent Current. The AME8869 can work in a wide operation range from 4.5V up to 36V input voltage. The quiescent current is small even at high input voltage. The typical current is about 2 μ A.

The AME8869 is available in Green SOT-25 package. It is rated over the -40°C to +85°C temperature range.

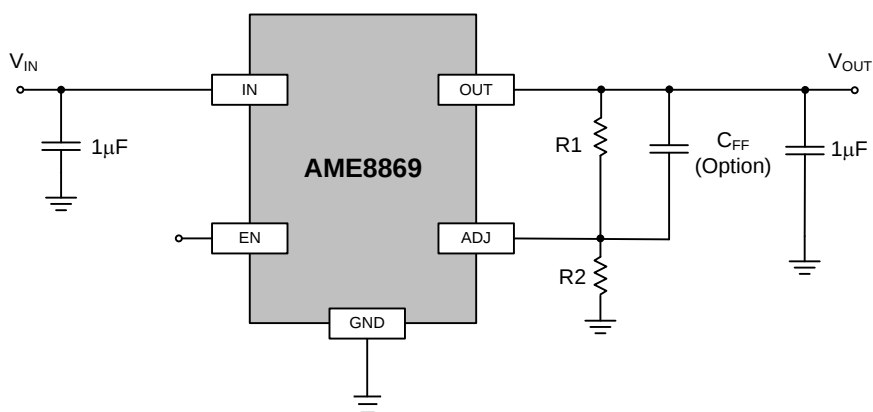
■ Features

- Input Voltage Range: 4.5V to 36V
- Output Voltage Range: 1.24V to 20V
- Output Current: 150mA
- Quiescent Current: 2 μ A(typ.)
- Dropout Voltage: 650mV @ $I_{OUT} = 100mA$
- Internal Over Temperature Protection
- Internal Over Current Protection
- Internal Short-Circuit Protection
- RoHS, Halogen Free & TSCA Compliance

■ Application

- E-meters, Water Meters and Gas Meters
- Keep-Alive Supply in Notebook and Portable Computers
- Battery Powered System

■ Typical Application Schematic





www.ame.com.tw

E-mail: sales@ame.com.tw

Life Support Policy:

These products of AME, Inc. are not authorized for use as critical components in life-support devices or systems, without the express written approval of the president of AME, Inc.

AME, Inc. reserves the right to make changes in the circuitry and specifications of its devices and advises its customers to obtain the latest version of relevant information.

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Corporate Headquarter
AME, Inc.

8F-1, 12, WenHu St., Nei-Hu Dist.,

Taipei 114, Taiwan..

Tel: 886 2 2627-8687

Fax: 886 2 2659-2989