

Ultra Low Output Voltage Linear N-FET Controller

Features

- 0.5V±1.5% Reference Voltage
- Adjustable Output Voltage Down to 0.5V
- MLCC and POSCAP Stable
- Enable Control
- Power Good Signal Output
- Under Voltage Short Circuit Protection
- Drive N-Channel MOSFETs
- SOT-23-6 Package

General Description

The G9330 is an ultra low output voltage linear N-FET controllers designed to simplify power management for notebook computers. The output voltage can be adjusted from 0.5V to 2.5V for G9330.

It features a 0.5V reference voltage with ±1.5% accuracy providing tight regulation of the output voltage, enable control, open drain power good signal, under-voltage protection and soft start.

Applications

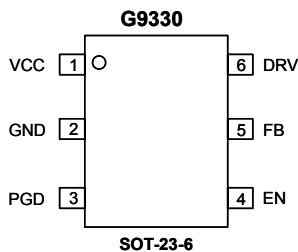
- Notebook or Desknote Computers
- Motherboards
- Graphic Cards
- Ultra-Low-Dropout Voltage Regulators

Ordering Information

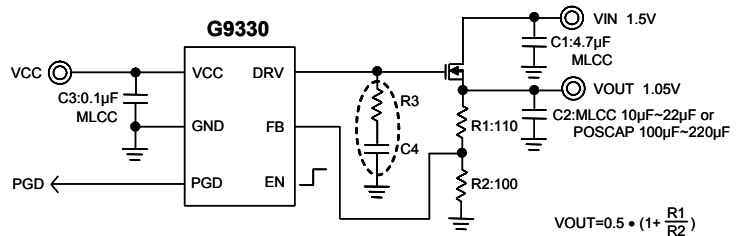
ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Pb free)
G9330TB1U	9330x	-40°C to 85°C	SOT-23-6

Note: TB: SOT-23-6
 1: Bonding Code
 U: Tape & Reel

Pin Configuration



Typical Application Circuit



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Applications

- Notebook or Desknote Computers
- Motherboards
- Graphic Cards
- Ultra-Low-Dropout Voltage Regulators

General Description

The G9334 is an ultra low output voltage linear N-FET controllers designed to simplify power management for notebook computers.

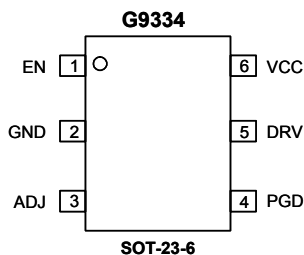
It features a 0.5V reference voltage with ±1.5% accuracy providing tight regulation of the output voltage, enable control, open drain power good signal, under-voltage protection and soft start.

Ordering Information

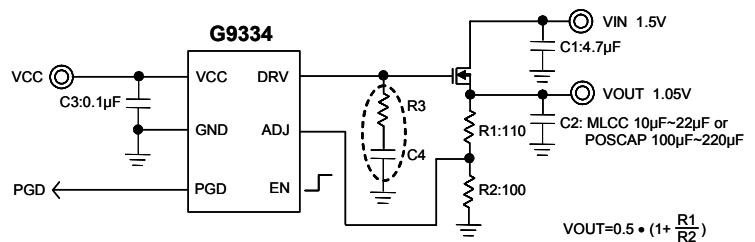
ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Pb free)
G9334TB1U	9334x	-40°C to 85°C	SOT-23-6

Note: TB: SOT-23-6
 1: Bonding Code
 U: Tape & Reel

Pin Configuration



Typical Application Circuit



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Features

- 0.5V±1.5% Reference Voltage
- Adjustable Output Voltage Down to 0.5V
- MLCC and POSCAP Stable
- Enable Control
- Power Good Signal Output
- Under Voltage Short Circuit Protection
- Drive N-Channel MOSFETs
- TSOT-23-6 Package

Applications

- Notebook or Desknote Computers
- Motherboards
- Graphic Cards
- Ultra-Low-Dropout Voltage Regulators

General Description

The G9336 series are ultra low output voltage linear N-FET controllers designed to simplify power management for notebook computers. Both voltage adjustable (G9336-ADJ) version available for TSOT-23-6 package. The output voltage can be adjusted from 0.5V to 2.5V for G9336-ADJ.

A 0.5V reference voltage with ±1.5% accuracy providing tight regulation of the output voltage, enable control, open drain power good signal, under-voltage protection and soft start.

Ordering Information

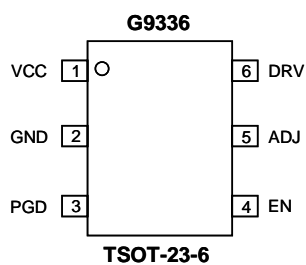
ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G9336ADJTP1U	9336x	-40°C to 85°C	TSOT-23-6

Note:TP:TSOT-23-6

1: Bonding Code

U : Tape & Reel

Pin Configuration



Typical Application Circuit

