

1.5A Low Dropout Regulator

Features

- 1.2V, 1.8V, 2.5V and 3.3V Options
- Over Current and Over Temperature Protection
- 400mV Dropout @1.5A
- MLCC Capacitance Stable
- TO-252 and TO-263T Package

Applications

- Battery Powered Systems
- Motherboards
- Peripheral Cards
- Set Top Boxes
- Notebook Computers

General Description

The G9915 is a high performance positive voltage regulator designed for use in applications requiring very low dropout voltage at up to 1.5 Amps. The G9915 provides excellent regulation over variations in line, load and temperature. G9915 is stable with minimum 4.7μF MLCC (X5R) output capacitor.

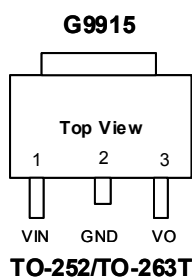
The G9915 is available with 1.2V, 1.8V, 2.5V and 3.3V internally preset outputs.

Ordering Information

ORDER NUMBER	MARKING	VOLTAGE	TEMP. RANGE	PACKAGE (Green)	REMARK
G9915-12T45U	9915-12	1.2V	-40°C ~ +85°C	TO-252	
G9915-18T45U	9915-18	1.8V	-40°C ~ +85°C	TO-252	
G9915-25T45U	9915-25	2.5V	-40°C ~ +85°C	TO-252	
G9915-33T45U	9915-33	3.3V	-40°C ~ +85°C	TO-252	
G9915-12T45D	9915-12	1.2V	-40°C ~ +85°C	TO-252	
G9915-18T45D	9915-18	1.8V	-40°C ~ +85°C	TO-252	
G9915-25T45D	9915-25	2.5V	-40°C ~ +85°C	TO-252	
G9915-33T45D	9915-33	3.3V	-40°C ~ +85°C	TO-252	
G9915-18TU5U	9915-18	1.8V	-40°C ~ +85°C	TO-263T	OBSOLETE
G9915-25TU5U	9915-25	2.5V	-40°C ~ +85°C	TO-263T	OBSOLETE
G9915-33TU5U	9915-33	3.3V	-40°C ~ +85°C	TO-263T	OBSOLETE

Note: T4: TO-252 TU: TO-263T
 5: Bonding Code
 U : Tape & Reel

Pin Configuration



Typical Application Circuit

