

500mA Low Dropout Linear Regulator

Features

- Input Voltage as Low as 1.5V
- 240mV Dropout @ 300mA, as VO is 1.5V
- $\pm 2\%$ Output Voltage
- Output range from 0.8V to 1.8V (50mV increments)
- Over Current and Over Temperature Protection
- Max. Supply Current is Shutdown Mode $<1\mu A$
- Small Ceramic Output Capacitors
- Enable Pin
- SOT-89, SOT-223 , SOT-23-5 and ADFN1.5X1.5-6 Packages

Applications

- VID Power Supplies
- PDAs
- Notebook Computers
- Cell Phones

Ordering Information

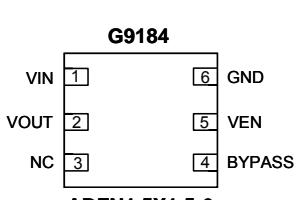
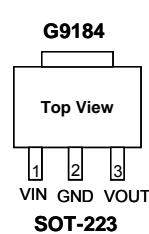
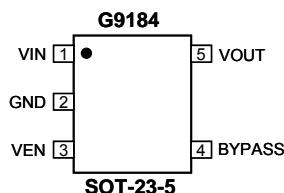
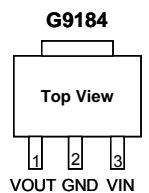
ORDER NUMBER	MARKING	OUTPUT VOLTAGE	TEMP. RANGE	PACKAGE (Green)
G9184-120T21U	9184D	1.20V	-40°C to +85°C	SOT-89
G9184-110T65U	9184I	1.10V	-40°C to +85°C	SOT-223
G9184-115T65U	9184J	1.15V	-40°C to +85°C	SOT-223
G9184-120T65U	9184D	1.20V	-40°C to +85°C	SOT-223
G9184-080T11U	914Ax	0.80V	-40°C to +85°C	SOT-23-5
G9184-100T11U	914Bx	1.00V	-40°C to +85°C	SOT-23-5
G9184-105T11U	914Cx	1.05V	-40°C to +85°C	SOT-23-5
G9184-120T11U	914Dx	1.20V	-40°C to +85°C	SOT-23-5
G9184-135T11U	914Hx	1.35V	-40°C to +85°C	SOT-23-5
G9184-150T11U	914Ex	1.50V	-40°C to +85°C	SOT-23-5
G9184-160T11U	914Fx	1.60V	-40°C to +85°C	SOT-23-5
G9184-180T11U	914Gx	1.80V	-40°C to +85°C	SOT-23-5
G9184-120A31U	94 Dx	1.20V	-40°C to +85°C	ADFN1.5X1.5-6

Note:T2: SOT-89 T6: SOT-223 T1: SOT-23-5 A3: ADFN1.5X1.5-6

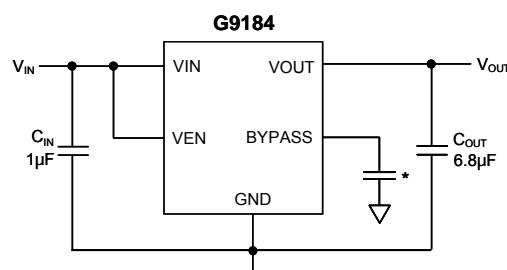
1&5: Bonding Code

U: Tape & Reel

Pin Configuration



Typical Application Circuit



* Optional Noise Reduction Capacitor. (Recommend :33nF)