

1A Low Dropout Regulator

Features

- 1.8V, 2.5V and 3.3V Options
- Over Current and Over Temperature Protection
- 270mV Dropout @1A
- MLCC Capacitance Stable
- SOT-89 Package

Applications

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

General Description

The AT9910 is a high performance positive voltage regulator designed for use in applications requiring very low dropout voltage at up to 1 Amps. The AT9910 provides excellent regulation over variations in line, load and temperature. AT9910 is stable with minimum 4.7 μ F MLCC (X5R) output capacitor.

The AT9910 is available with 1.8V, 2.5V and 3.3V internally preset outputs.

Ordering Information

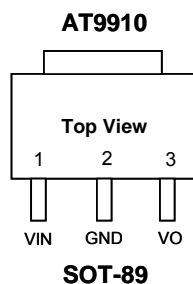
ORDER NUMBER	MARKING	VOLTAGE	TEMP. RANGE	PACKAGE (Green)
AT9910-18T25U	A910B	1.8V	-40°C ~ +85°C	SOT-89
AT9910-25T25U	A910C	2.5V	-40°C ~ +85°C	SOT-89
AT9910-33T25U	A910D	3.3V	-40°C ~ +85°C	SOT-89

Note: T2 SOT-89

5: Bonding Code

U : Tape & Reel

Pin Configuration



Typical Application Circuit

