

Features

- Output current in excess of 1A
- Output voltage accuracy +3%/-1%
- Quiescent current, typically 600µA
- Internal short circuit current limit
- Internal over temperature protection

Applications

- PC motherboard
- ADSL/Cable Modem
- Set-Top-Box
- LAN switch/Hub
- Router

General Description

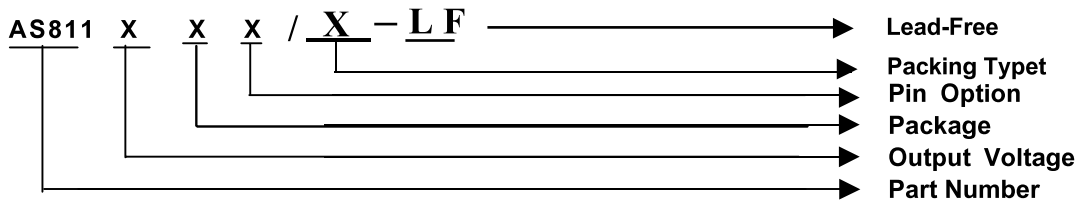
The AS8113 positive 2.5V voltage regulator features the ability to source 1A of output current. The typical quiescent current is 0.6mA.

Familiar regulator features such as over temperature and over current protection circuits are provided to prevent it from being damaged by abnormal operating conditions.

Ordering Information

ORDER NUMBER	TEMP. RANGE	PACKAGE	PIN OPTION		
			1	2	3
AS8112L2/TR-LF	-40°C~85°C	SOT223	V _{IN}	GND	V _{OUT}
AS8113L2/TR-LF	-40°C~85°C	SOT223	V _{IN}	GND	V _{OUT}
AS8114L2/TR-LF	-40°C~85°C	SOT223	V _{IN}	GND	V _{OUT}

Order Number Identification



PACKAGE TYPE

L : SOT223
R : TO252
S : TO263

PIN OPTION

1 2 3
2 : V_{in} GND V_{out}

PACKING

U & D : Tape & Reel Direction
T : Tube

Typical Application

Package Type

