



Product Overview

NCP1117LP: Linear Voltage Regulator, Positive, LDO, 1.0 A (Fixed and Adjustable)

For complete documentation, see the data sheet

Product Description

The NCP1117LP Low Dropout (LDO) Linear Voltage Regulator is the low power version of the popular NCP1117 family of low dropout voltage regulators, with reduced quiescent current. It is intended primarily for high volume consumer applications over the 0 to 125 degree temperature range. Capable of providing an output current in excess of 1 A, with a dropout voltage of 1.3 V at 1 A full current load, the series consists of an adjustable and five fixed voltage versions of 1.5 V, 1.8 V, 2.5 V, 3.3 V and 5.0 V.

Features

- Output Current in Excess of 1.0 A

Benefits

- 1A Output Current

Applications

- TV and Monitors

End Products

- TV and Monitors
- Set Top Boxes and Entertainment Devices

Part Electrical Specifications

Product	Compliance	Status	Output	Polarity	V _O (V)	I _O Typ (A)	V _I Max (V)	V _{DO} Typ (V)	I _q Typ (mA)	PSRR (dB)	Noise (μV _{rms})	Package Type
NCP1117LPST15T3G	Pb-free Halide free	Active	Single	Positive	1.5	1	18	1.3	0.55	60		SOT-223-4 / TO-261-4
NCP1117LPST18T3G	Pb-free Halide free	Active	Single	Positive	1.5	1	18	1.3	0.55	60		SOT-223-4 / TO-261-4
NCP1117LPST25T3G	Pb-free Halide free	Active	Single	Positive	2.5	1	18	1.3	0.55	60		SOT-223-4 / TO-261-4
NCP1117LPST33T3G	Pb-free Halide free	Active	Single	Positive	3.3	1	18	1.3	0.55	60		SOT-223-4 / TO-261-4
NCP1117LPST50T3G	Pb-free Halide free	Active	Single	Positive	5	1	18	1.3	0.55	60		SOT-223-4 / TO-261-4
NCP1117LPSTADT3G	Pb-free Halide free	Active	Single	Positive	Adjustable	1	18	1.3	0.55	60		SOT-223-4 / TO-261-4

For more information please contact your local sales support at www.onsemi.com

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