

## 製品概要

## NCP3334: LDO Regulator, 500 mA, Low Iq

技術情報は、データシートをご参照ください。

The NCP3334 is a high performance, low dropout (LDO) linear voltage regulator. With accuracy of +/-0.9% over line and load and ultra-low quiescent current and noise it encompasses all of the necessary features required by today's consumer electronics. This unique device is guaranteed to be stable without a minimum load current requirement and stable with any type of capacitor as small as 1.0  $\mu$ F. The NCP3334 offers reverse bias protection.

## 特長

- High Accuracy Over Line and Load ( $\pm$ 0.9% at 25°C)
- Low Dropout Voltage of 340 mV maximum at 500 mA
- Low Noise of 38  $\mu$ Vrms
- Low Shutdown Current (0.07  $\mu$ A)
- Reverse Bias Protected
- 2.6 V to 12 V Supply Range
- Thermal Shutdown Protection
- Current Limitation
- Requires only 1.0  $\mu$ F Output Capacitance for Stability
- Stable with any type of capacitor, including MLCC

For more features, see the data sheet

## アプリケーション

- PCMCIA Card
- Cellular Phones
- Camcoders and Cameras
- Networking Systems, DSL/Cable Modems
- Cable Set-Top Box

## 電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Output	Polarity	V <sub>O</sub> (V)	I <sub>O</sub> Typ (A)	V <sub>I</sub> Min (V)	V <sub>I</sub> Max (V)	V <sub>DO</sub> Typ (V)	I <sub>q</sub> Typ (mA)	PSR R (dB)	Noise ( $\mu$ V <sub>rms</sub> )	Enable	PowerGood	Package Type
NCP3334DADJG	0.3971	Pb-free Halide free	Active	Single	Positive	Adj	0.5	2.6	12	0.34	0.19	55	38	Yes	No	SOIC-8
NCP3334DADJR2G	0.3019	Pb-free Halide free	Active	Single	Positive	Adj	0.5	2.6	12	0.34	0.19	55	38	Yes	No	SOIC-8

詳細は、弊社 [www.onsemi.jp](http://www.onsemi.jp) の営業または販売代理店にお問い合わせください。

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