

产品概览

NCP3334: LDO 稳压器, 500 mA, 低 Iq

欲看完整文档, 请参阅数据表。

NCP3334 是一款高性能、低漏 (LDO) 线性电压稳压器。基于线路和负载的精度为 $\pm 0.9\%$, 具有超低静态电流和噪声, 它包含了当今消费电子元件所需的所有必要功能。这款独特器件可保证稳定性而无最低负载电流要求, 对于低至 $1.0 \mu\text{F}$ 的任何类型电容器都保持稳定。NCP3334 提供逆向偏置保护。

特性

- 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 μV_{rms}
 - Low Shutdown Current (0.07 μA)
 - Reverse Bias Protected
 - 2.6 V to 12 V Supply Range
 - Thermal Shutdown Protection
 - Current Limitation
 - Requires only 1.0 μF Output Capacitance for Stability
 - Stable with any type of capacitor, including MLCC
- For more features, see the data sheet

应用

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

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Output	Polarity	V _O (V)	I _O Typ (A)	V _I Min (V)	V _I Max (V)	V _{DO} Typ (V)	I _q Typ (mA)	PSR R (dB)	Noise (μV_{rms})	Enable	Power Good	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

欲了解更多信息, 请联系您当地的销售支援 www.onsemi.cn。

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