



Product Overview

NCV33269: Linear Voltage Regulator, LDO, Adjustable Output, 800 mA

For complete documentation, see the data sheet

Product Description

The MC33269 series are low dropout (LDO), medium current, fixed and adjustable, positive linear voltage regulators specifically designed for use in low input voltage applications. These LDOs offer the circuit designer an economical solution for precision voltage regulation, while keeping power losses to a minimum.

Features

- 3.3 V, 5.0 V, 12 V and Adjustable Versions  
2.85 V version available as MC34268.
- Space Saving DPAK, SOP-8 and SOT-223 Power Packages
- 1.0 V Dropout
- Output Current in Excess of 800 mA
- Thermal Protection
- Short Circuit Protection
- Output Trimmed to 1.0% Tolerance
- Pb-Free Packages are Available

Part Electrical Specifications

Product	Compliance	Status	Output	Polarity	V <sub>O</sub> (V)	I <sub>O</sub> Typ (A)	V <sub>I</sub> Max (V)	V <sub>DO</sub> Typ (V)	I <sub>q</sub> Typ (mA)	PSRR (dB)	Noise (μV <sub>rms</sub> )	Package Type
NCV33269DR2G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	Positive	Adjustable	0.8	20	1.1				SOIC-8
NCV33269DT-5.0G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	Positive	5	0.8	20	1.1				DPAK-3
NCV33269DTRK-12G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	Positive	12	0.8	20	1.1				DPAK-3
NCV33269DTRK3.3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	Positive	3.3	0.8	20	1.1				DPAK-3
NCV33269DTRK5.0G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	Positive	5	0.8	20	1.1				DPAK-3
NCV33269DTRKG	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	Positive	Adjustable	0.8	20	1.1				DPAK-3

