

## Product Overview

### NUD4011: LED Driver, Low Current

For complete documentation, see the data sheet.

The Constant Current Regulator & LED Driver is designed to replace discrete solutions for driving LEDs in AC/DC high voltage applications (up to 200 V). An external resistor allows the circuit designer to set the drive current for different LED arrays. This discrete integration technology eliminates individual components by combining them into a single package, which results in a significant reduction of both system cost and board space. This Constant Current Regulator & LED Driver is a small surface mount package SO-8.

### Features

- Supplies Constant LED Current for Varying Input Voltages.
- External Resistor Allows Designer to Set Current - up to 70 mA.

### Applications

- Portables: For Battery Back-up Applications and Simple Ni-CAD Battery Charging.
- Industrial: General Lighting Applications and Small Appliances.
- Automotive: Tail Lights, Directional Lights, Back-up Light, and Dome Light.

### Part Electrical Specifications

Product	Compliance	Status	V <sub>I</sub> Max (V)	I <sub>O</sub> Max (mA)	LEDs in Series, Max #	LEDs in Parallel, Max #	Package Type
NUD4011DR2G	Pb-free	Active	200	70	100	16	SOIC-8
	Halide free						

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