

# Product Summary Sheet

# CL2 Simple Constant Current LED Driver

## Applications

- Automotive LED Lighting
- Signage
- LED Channel Lighting
- RGB Backlight applications
- Accent Lighting

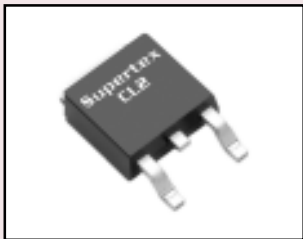
## Available Packages:



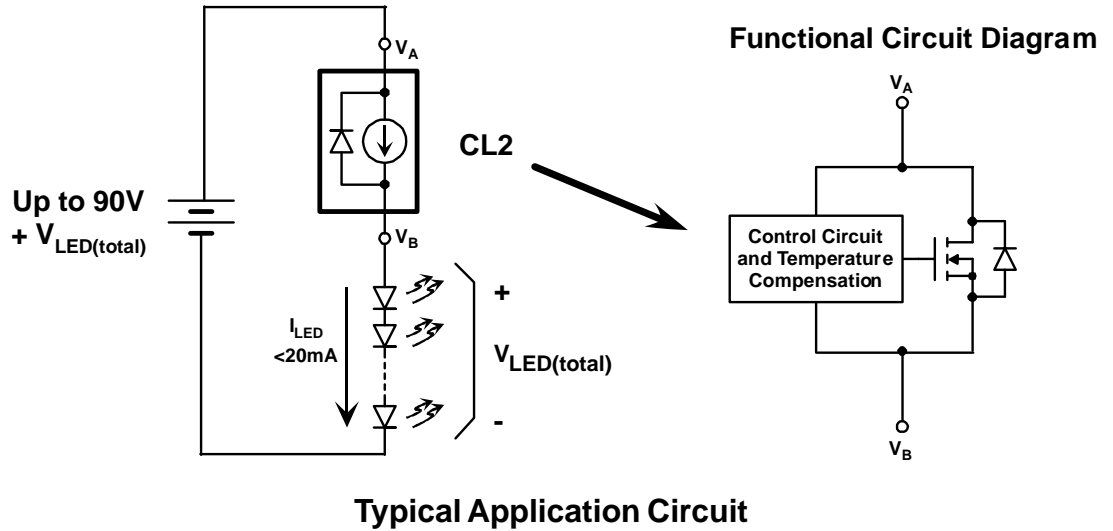
TO-92 (N3)



TO-243AA/ SOT89 (N8)



D-PAK (K4)



## Product Overview:

The Supertex CL2 is a low cost, high voltage, temperature compensated current source. The device provides a constant current of 20 mA ± 10% at an input voltage range of 5V to 90V. No external components are required. The CL2 can be used in parallel to drive higher currents at 20 mA increments, e.g. 40 mA, 60 mA, etc. CL2 is available in TO-92, D-PAK, and TO-243AA (SOT-89) packages.

### Features of the CL2:

2-Pin Device, TO-92, D-PAK, and SOT-89 Packages.

2.0 μA/°C Temperature Coefficient.

DC Input range: 5VDC to 90VDC.

Parallel Connection.

### Benefits:

Simple and Easy to Use.  
No External Components.  
Low Cost.

Temperature Compensation eliminates added circuitry to maintain constant current due to temperature variation.

Wide Input voltage range. Can be used for multiple applications with a single device.

Simple Scalability for driving higher currents at 20 mA increments.

# CL2

## Simple Constant Current LED Driver

### Ordering Information / Availability

Part Number	Package Option	Samples	Lead Time
CL2N3	TO-92	NOW	4 - 5 weeks ARO
CL2N8	TO-243AA (SOT-89)	NOW	4 - 5 weeks ARO
CL2K4	D-PAK	NOW	4 - 5 weeks ARO

### Product Contact

If you have any questions regarding the CL2, please contact your local Supertex sales office, or contact the main office in the US at:

Telephone: (800) 222-9883  
Fax: (408) 222-4895  
Web: [www.supertex.com](http://www.supertex.com)

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