

Product Summary Sheet

Applications:

- ▶ LED channel lighting
- ▶ Industrial lamp indicators
- ▶ Accent lighting



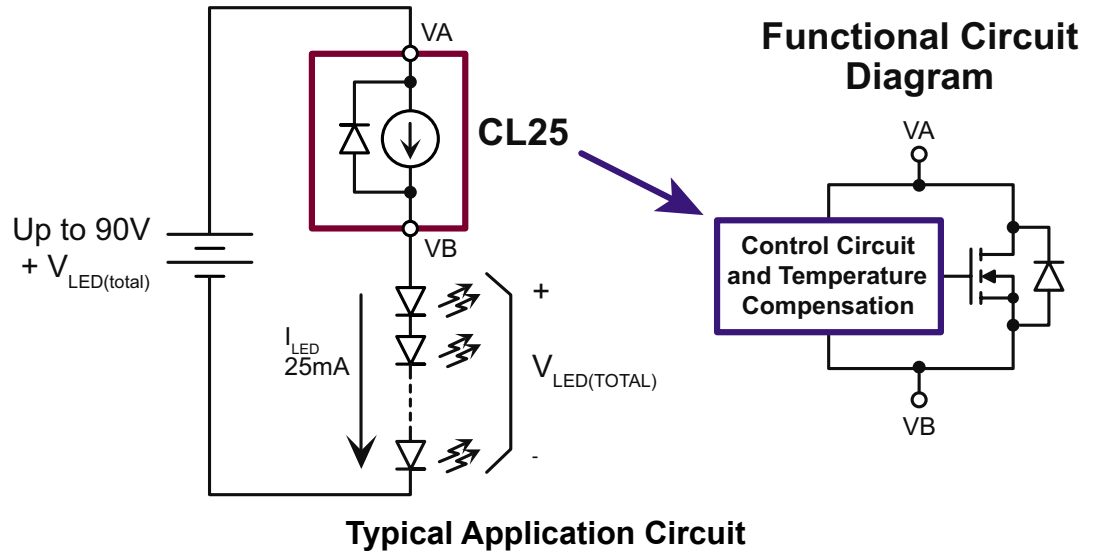
TO-92 (N3)



TO-243AA (N8)

CL25

Simple, 90V, 25mA, Temperature Compensated, Constant Current, LED Driver IC



Product Overview:

The Supertex CL25 is a high voltage, temperature compensated, constant current source. The device is trimmed to provide a constant current of 25mA ± 10% at an input voltage of 5VDC to 90VDC. No external components are required. The device can be used as a two terminal constant current source or constant current sink.

A typical application for the CL25 is to drive LEDs with a constant current of 25mA. It can also be used in parallel to provide higher currents such as 50mA, 75mA or 100mA. The device is available in low cost TO-92 and TO-243AA (SOT-89) packages.

Features:	Benefits:
TO-92 and TO-243AA (SOT-89) devices	Simple and easy to use. No external components. Low cost.
2.0 μA/°C temperature coefficient	Temperature compensation eliminates added circuitry to maintain constant current due to temperature variation.
DC Input range: 5V to 90V	Wide input voltage range. Can be used for multiple applications with a single device.
Parallel connection	Simple scalability for driving higher currents at 25mA increments.



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Supertex inc

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Ordering Information / Availability

Part Number	Package Option	Samples	Lead Time
CL25N3-G	TO-92	Now	4-5 weeks ARO
CL25N8-G	TO-243AA (SOT-89)	Now	4-5 weeks ARO

-G indicates the part is RoHS compliant (Green).



Product Contact

For any questions regarding the CL25, please contact your local area Supertex sales office, or contact the main office in the US at:

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