

LATEST

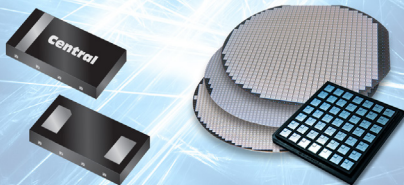
Current Limiting Diodes

View online: www.centrasemi.com/featured-products
Central
Semiconductor Corp.

Rethink the Possibilities™

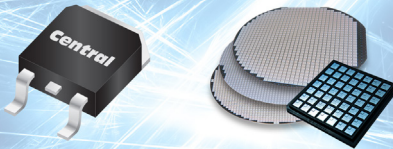
CMJD Series Current Limiting Diodes

Available in DFN123F package and in bare die form



Zero Temperature Coefficient Current Limiting Diodes

CDCLD series



Ideal for:

- High intensity lighting systems
- Test/measurement equipment

CMJA5050: Adjustable Current Limiting Diode



Ideal for:

- LED lighting
- Test/Measurement equipment

Current Limiting Diodes in low profile DFN123F package

Features:

- Constant current range
- Wide operating voltage
- High input impedance
- Low profile DFN123F package
- Bare die available

Applications:

- LED lighting strings
- Light dimming systems
- Alarm systems
- On/off indicators
- Differential amplifiers

Benefits:

- Energy efficiency
- Space-savings
- Replacement for current limiting resistors
- Active current source performance

CMJDH080 series
CMJD0130 series


Top View

Bottom View

DFN123F

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Current Limiting Diodes: Zero temperature coefficient, regulator current 27.5mA-575mA

Features:

- Constant current range
- Temperature independence
- High stability over wide temperature range
- Nominal current regulation at low voltage input

Applications:

- High intensity lighting systems
- Infrastructure lighting systems
- LED drivers
- Light dimming systems
- Test/measurement equipment

Benefits:

- Eliminates need for additional resistors
- Active current source performance
- Optimized for heat dissipation

CDCLD025 series
CDCLD200 series


DPAK

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Current Limiting Diode: Adjustable from 50mA-80mA | 50V

Features:

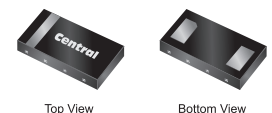
- Constant current range
- Adjustable regulation to 80mA
- Wide operating voltage
- Negative temperature coefficient for LED protection

Applications:

- LED lighting and displays
- AC lighting panels
- Decorative lighting
- Test and measurement equipment

Benefits:

- Eliminates need for additional regulation
- Space savings
- Low profile package
- RoHS and REACH compliant

CMJA5050


Top View

Bottom View

DFN123F

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