



145 Adams Avenue, Hauppauge, NY 11788, USA  
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<mailto:processchange@centrasemi.com>

<https://www.centrasemi.com/process-change-notice>

**PCN # 204**  
**Notification Date:**  
**January 14, 2021**

## Product / Process Change Notice

### Parts Affected:

Silicon switching diodes manufactured in the SOD-323 and SOD-523 packages.

### Extent of Change:

Change in wafer fabrication site.

### Reason for Change:

As part of Central Semiconductor's supply chain risk mitigation initiative, and in an effort to ensure an uninterrupted supply of product, a change in wafer fabrication site is being made for the referenced products. Product specifications, quality and reliability are not impacted by this change.

### Effect of Change:

This change does not affect the fit, form or function of the devices.

### Qualification:

Test	Condition	Duration	Failure rate
High Temperature Storage Life	Ta=150°C	1000 Hours	0/45
Low Temperature Storage Life	Ta=-55°C	1000 Hours	0/45
High Temperature Reverse Bias	Ta=150°C, VR=80% Rated Voltage	1000 Hours	0/45
High Humidity and High Temperature Reverse Bias	Ta=85°C, RH=85%, VR=80% Rated Voltage	1000 Hours	0/45
Soldering Heat Resistance Test	Tsolder=260°C	10 Seconds	0/22
Pressure Cooker	Ta=121°C, P=29.7psia, RH=100%	96 Hours	0/45
Temperature Cycling (Air-to-Air)	Ta= -55 15min Ta= +150 15min Transfer time less than 1min.	200 Cycles	0/45



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**Effective Date of Change:**

Existing inventory will be shipped until depleted.

**Sample Availability:**

Please contact your salesperson or manufacturer's representative for samples.

**Part Numbers Affected:**

CMDD4448  
CMOD4448

As per JEDEC standard JESD46, Customer Notification of Product/Process Changes by Solid-State Suppliers, a lack of acknowledgement of a PCN within thirty (30) days constitutes acceptance of the change.

The undersigned acknowledges and accepts Central Semiconductor's Product/Process Change Notification (PCN).

Company Name:	
Address:	
Printed Name:	
Title:	
Signature:	
Date:	