**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 undisrupted 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℃, VR=80% Rated Voltage | 1000 Hours | 0/45 |
| **High Humidity and High Temperature Reverse Bias** | Ta=85℃, 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 |

**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: |  |
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|  |
| Printed Name: |  |
| Title: |  |
| Signature: |  |
| Date: |  |