DATE: 29 November, 2012

PCN #: 2088

PCN Title: Datasheet Revision Due to Relaxation of Min VR, Max VF, and/or Max IR Specification Limits

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 30 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team
**PRODUCT CHANGE NOTICE**

**PCN-2088 REV00**

<table>
<thead>
<tr>
<th>Notification Date:</th>
<th>Implementation Date:</th>
<th>Product Family:</th>
<th>Change Type:</th>
<th>PCN #:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Semiconductors</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TITLE**

Datasheet Revision Due to Relaxation of Min VR, Max VF, and/or Max IR Specification Limits

**DESCRIPTION OF CHANGE**

This PCN is being issued to notify customers that Diodes Incorporated is relaxing the VR Min, VF Max and/or IR Max values. Please also refer to the table below for the new values. Full electrical characterization has been completed on a representative device to ensure that the affected devices meet the new VR, VF and/or IR specifications as indicated. The description of the change is provided in the table below.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Minimum Rating of Reverse Breakdown Voltage V(BR)R @ Ir = 1mA</th>
<th>Maximum Rating of Forward Voltage VF @ If = 0.5A</th>
<th>Maximum Rating of Forward Voltage VF @ If = 1.0A</th>
<th>Maximum Rating of Reverse Current IR @ VR = 20V</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMS2220LFDB-7 (original version, Rev 7-2)</td>
<td>35V</td>
<td>0.42V</td>
<td>0.49V</td>
<td></td>
</tr>
<tr>
<td>DMS2220LFDB-7 (new version, Rev 8-2)</td>
<td>20V</td>
<td>0.45V</td>
<td>0.52V</td>
<td></td>
</tr>
<tr>
<td>DMS2120LFWB-7 (original version, Rev 4-2)</td>
<td>40V</td>
<td>0.42V</td>
<td>0.49V</td>
<td>30μA</td>
</tr>
<tr>
<td>DMS2120LFWB-7 (new version, Rev 5-2)</td>
<td>20V</td>
<td>0.45V</td>
<td>0.52V</td>
<td>80μA</td>
</tr>
</tbody>
</table>

**IMPACT**

Relaxation of Min Specification for VR and Max Specification for VF and/or IR

**PRODUCTS AFFECTED**

DMS2220LFDB-7  
DMS2120LFWB-7

**WEB LINKS**

Manufacturer’s Notice: [http://www.diodes.com/quality/pcns](http://www.diodes.com/quality/pcns)  
For More Information Contact: [http://www.diodes.com/contacts](http://www.diodes.com/contacts)  
Data Sheet: [http://www.diodes.com/products](http://www.diodes.com/products)

**DISCLAIMER**

Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.