Approval Notice

Everspin is notifying customers and distributors that the moisture sensitivity level of the 16Mb MRAM in the 48-BGA package is MSL-6. Customers should take the proper precautions in board assembly operations.

Description and Purpose – Affected Products

The moisture sensitivity level for these products was previously stated as MSL-5 as of April 1, 2015 in PCN 02756. This PCN is to notify customers that effective immediately the moisture sensitivity level is MSL-6. Everspin will be making improvements to the package and process in order to achieve MSL-5 and we will notify customers when this level is achieved.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MR4A08BMA35R</td>
<td>Commercial Temp., T&amp;R</td>
<td>MR4A08BCMA35R</td>
<td>Industrial Temp., T&amp;R</td>
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<tr>
<td>MR4A16BMA35R</td>
<td>Commercial Temp., T&amp;R</td>
<td>MR4A16BCMA35R</td>
<td>Industrial Temp., T&amp;R</td>
</tr>
</tbody>
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Material Differences

This is not a process or package change.

Package Marking of Products Affected

No change in package marking per our standard marking procedure. The moisture sensitivity level is indicated on the inner bags.

Trace code format: MWLYYWWz

M = Assembly location, WL = Wafer Lot Number, YY = Year, WW = Work Week, z = Assembly lot split (may not be present)

Contact Information

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Originator

Date: March 18, 2016
Title: VP Marketing
Name: Scott Sewell

Approval and Release

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