Qualification of Vishay Siliconix Automated Plating Line at Xian, China.

DESCRIPTION OF CHANGE: As part of our continual quality improvement process, Vishay Siliconix has completed the qualification of a fully automated plating line for High Voltage TO-247, Super TO-247 and TO-220 Fullpack products produced in our Xian, China facility. This plating line will replace the older existing Solder Dip process. The process will not affect the dimensions of the leads; therefore, no change in the Package Outline Drawing (POD) will be necessary. The result will be improved consistency of production and minimized handling. It will also standardize Xian plating technology with our other manufacturing facilities.

REASON FOR CHANGE: Quality improvement and expansion of production flow for increased manufacturing capacity.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: There will be no effect on the reliability or the performance of Vishay Siliconix products. There will be no changes to the data sheets or package outline drawing.

PRODUCT CATEGORY: MOSFETs

PART NUMBERS/SERIES/FAMILIES AFFECTED: Refer to parts list below.

VISHAY BRAND(s): Vishay Siliconix

TIME SCHEDULE: Shipments of Products plated at the Vishay Siliconix Xian facility will begin in November 2012.

SAMPLE AVAILABILITY: The 7 parts listed in the following table have been selected as a representative group for sampling. Samples of these are planned to be available for sampling in WW37.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRFP064PBF</td>
<td>TO247</td>
<td>IRF4017</td>
<td>Super TO247</td>
</tr>
<tr>
<td>IRFP460PBF</td>
<td>Fullpak - 220</td>
<td>IRF4017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>94-3173PBF</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>94-4017</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>94-5852PBF</td>
<td></td>
</tr>
</tbody>
</table>

For sample requests, please send requests to: don.larson@vishay.com. Include in the message which of the 7 parts are needed, quantity, and shipping information.

PRODUCT IDENTIFICATION: Production material will be identified by lots with date codes after Y46K. Lots with tin-plating can also be identified with leads having dull silver finish instead of bright silver finish.

QUALIFICATION DATA: Qualification data will be provided on request.

ISSUED BY: Don Larson, Vishay Siliconix, Technical Marketing Manager. E-mail address: don.larson@Vishay.com

For further information, please contact your regional Vishay office.

Contact Information

The Americas
Vishay Americas
2201 Laurelwood Rd
Santa Clara, Ca 95054
T: 408-988-8000
F: 408-567-8942

Europe
Vishay Electronic GmbH
Geheimrat-Rosenthal-Strasse 100
D-95100 Selb, Germany
T: 49-9287-71 0
F: 49-9287-70435

Asia
Vishay Intertechnology Asia Pte. Ltd
25 Tampines Street 92
#02-00 Keppel Building
Singapore 52887
T: 65-6780-7838
F: 65-6780-7791
## PCN SIL-0362012 Part Number List

|-----------------------------------|---------------------------------------------------------------------|------------------------------|------------------------|--------------------------------------------------------|----------------------|--------------------------|------------------------------------------------------------------------------------------|