

Product/ Process Change Notification

1. PCN No.:	QPCN12026
2. Subject:	<i>ABS(STD GPP) bridge rectifiers, add further FE(Front End) & BE(Back End) manufacturing site</i>
3. To:	<i>Refer to involved customer list</i>
4. Issued by:	<i>Owen Wang</i>
5. Issue date:	<i>24-Dec-2012</i>
6. Proposed first ship date for change:	<i>25-Mar-2013</i>
7. Affected Product Identification	
<i>Glass Passivated Bridge Rectifiers ABS package More details please see TSC involved P/N list.</i>	
8. Change Description : (OLD Vs. NEW Comparison)	
Old:	New:
<ul style="list-style-type: none"> ➤ <i>BE 1st source Taiwan Semiconductor YEW plant</i> ➤ <i>FE 1st & 2nd source Taiwan Semiconductor Li-Je and TEW plant</i> ➤ <i>Mold compound: EME-EK110G (Halogen Free)</i> ➤ <i>Mold compound: EME-EK1800G (Halogen Free)</i> 	<ul style="list-style-type: none"> ➤ <i>BE 2nd source subcontractor plant in China.</i> ➤ <i>FE 3^d source in China.</i> ➤ <i>Mold compound: EME-EK-120G (Halogen Free)</i>
9. Reason for Change:	
<i>Manufacturing capacity enhancement and risk spread.</i>	
10. Anticipated Impact: (form, fit, function, quality or reliability)	
1. Product outline:	<i>No change</i>
2. Inner construction changed:	<i>Lead-frame change, die source change and mold compound change</i>
3. Electrical specifications:	<i>No change</i>
4. Reliability performance:	<i>No change</i>
5. Data sheet:	<i>No change</i>
6. Packing code (order code):	<i>No change</i>
7. Identification/Traceability:	<i>By date code</i>
11. Qualification plan/result:	
<ul style="list-style-type: none"> • <i>Comparison report see attached</i> • <i>PPAP is available on demand</i> 	
12. Sample availability Date:	<i>24-Dec-2012</i>
13. Tentative implementation date:	<i>31-Jan-2013</i>
14. Remarks	
15. Customer feedback required latest: (should we receive no feedback; the change will be deemed as accepted!)	31-Jan-2013
16. Approved by:	<i>Quayer Chen</i>

Product/ Process Change Notification Customer Approval Form_ QPCN12026

(Please tick the field what is valid for you!)

<input type="checkbox"/>	We agree with this proposed change and its schedule.			
<input type="checkbox"/>	We have objections			
<input type="checkbox"/>	We need more information:			
<input type="checkbox"/>	We need sample:			
Company:				
Name:				
Address:				
Signature:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; height: 30px;"></td> <td style="width: 20%; text-align: center; vertical-align: middle;">Date:</td> <td style="width: 40%; height: 30px;"></td> </tr> </table>		Date:	
	Date:			