

Product/ Process Change Notification

1. PCN No.:	QPCN13013
2. Subject:	<i>Bond wire material changing from Au to Cu</i>
3. To:	<i>All involved customers</i>
4. Issued by:	<i>HQ (Headquarters) QRA. Owen Wang</i>
5. Issue date:	<i>12-Dec-2013</i>
6. Proposed first ship date for change:	<i>12-Mar-2014</i>
7. Affected Product Identification	
<i>See attached detailed Part-No. list.</i>	
8. Change Description : (OLD Vs. NEW Comparison)	
Old:	New:
➤ <i>Gold bonding wire.</i>	➤ <i>Copper bonding wire</i>
9. Reason for Change:	
➤ <i>Enhancement to long-term product reliability. (Copper offers lower electrical resistivity, high current capability than gold wire)</i> ➤ <i>Follow the trend of common process in the market.</i>	
10. Anticipated Impact: (form, fit, function, quality or reliability)	
1. Product outline:	<i>No change</i>
2. Inner construction changed:	<i>Bond wire material changing</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>12-Dec-2013</i>
13. Tentative implementation date:	<i>17-Jan-2014</i>
14. Remarks	
15. Customer feedback required latest: (should we receive no feedback; the change will be deemed as accepted!)	<i>17-Jan-2014</i>
16. Approved by:	<i>Quayer Chen</i>

Product/ Process Change Notification Customer Approval Form_QPCN13013

(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: 30%;"></td> <td style="width: 30%; padding: 5px;">Date:</td> <td style="width: 40%;"></td> </tr> </table>		Date:	
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