

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: 2. Inner construction changed: 3. Electrical specifications: 4. Reliability performance: 5. Data sheet: 6. Packing code (order code): 7. Identification/Traceability:	<i>No change</i> <i>Bond wire material changing</i> <i>No change</i> <i>No change</i> <i>No change</i> <i>No change</i> <i>By date code</i>
11. Qualification plan/result:	
• <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!)	17-Jan-2014
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:	Date: