

Product/ Process Change Notification

1. PCN No.:	QPCN14017
2. Subject:	<i>Change the process/material of terminal electrode layer</i>
3. To:	<i>All involved customers</i>
4. Issued by:	<i>HQ (Headquarters) QRA. Owen Wang</i>
5. Issue date:	<i>30-Sep-2014</i>
6. Proposed first ship date for change:	<i>30-Dec-2014</i>
7. Affected Product Identification	
<i>SSD (Small Signal Division) Package as 0603, 0805 & 1206 See attached details TSC Part-No. list.</i>	
8. Change Description : (OLD Vs. NEW Comparison)	
Old:	New:
➤ <i>Coating silver process</i>	➤ <i>Vacuum sputtering Nickel-Chromium alloy process</i>
➤ <i>See attached comparison report</i>	➤ <i>See attached comparison report</i>
9. Reason for Change:	
<i>In order to strengthen interface adhesion and to withstand external stress in the terminal electrode layer.</i>	
10. Anticipated Impact: (form, fit, function, quality or reliability)	
1. Product outline:	<i>Material change</i>
2. Inner construction changed:	<i>Not applicable</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:	
Refer to PPAP Comparison report	<i>Available on demand See attached file</i>
12. Sample availability date:	<i>6-Nov-2014</i>
13. Tentative implementation date:	<i>6-Nov-2014</i>
14. Remarks	
15. Customer feedback required latest: (should we receive no feedback; the change will be deemed as accepted!)	6-Nov-2014
16. Approved by:	<i>Quayer Chen</i>