

## Product/ Process Change Notification

<b>1. PCN No.:</b>	<b>QPCN13004-4</b>
<b>2. Subject:</b>	1. 2 <sup>nd</sup> Schottky FE(Front End) wafer production location and technology change  2. Substitutes QPCN13004-2
<b>3. To:</b>	All customers involved
<b>4. Issued by:</b>	HQ(Headquarter) QRA Owen Wang
<b>5. Issue date:</b>	09-Aug-2013
<b>6. Proposed first ship date for change:</b>	11-Nov-2013
<b>7. Affected Product Identification</b>	
All Schottky rectifiers, see attached detailed Part-No. list.	
<b>8. Change Description : (OLD Vs. NEW Comparison)</b>	
Old:	New:
<ul style="list-style-type: none"> <li>➤ . One subcon see former QPCN13004-1</li> <li>➤ No standard or AEC-Q101 qualified grade differentiation.</li> </ul>	<ul style="list-style-type: none"> <li>➤ 2nd subcon wafer fab located in China.</li> <li>➤ With standard or AEC-Q101 qualified grade differentiation/see data sheet ordering information</li> </ul>
<b>9. Reason for Change:</b>	
<ul style="list-style-type: none"> <li>➤ Add 2<sup>nd</sup> source for more flexibility and capacity increase</li> <li>➤ To separate by ordering code standard or AEC-Q101 qualified grade products</li> </ul>	
<b>10. Anticipated Impact: (form, fit, function, quality or reliability)</b>	
1. Product outline: 2. Inner construction changed: 3. Electrical specifications: 4. Reliability performance: 5. Data sheet: 6. Packing code (order code): 7. Identification/Traceability:	No change No change No change No change (see attached qualification test example) Ordering code change Changed see data sheet By ordering code
<b>11. Qualification plan/result:</b>	
➤ Passed all our qualification test (example SS26, SS210, SS215) see attached	
<b>12. Sample availability Date:</b>	16-Sep-2013
<b>13. Tentative implementation date:</b>	16-Sep-2013
<b>14. Remarks</b>	
<b>15. Customer feedback required latest: (should we receive no feedback; the change will be deemed as accepted!)</b>	<b>16-Sep-2013</b>
<b>16. Approved by:</b>	Quayer Chen