



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000240

Date: March 25, 2014

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<input type="checkbox"/>	Semtech Corporation, 200 Flynn Road, Camarillo CA 93012
<input type="checkbox"/>	Semtech Canada Corporation, 4281 Harvester Road, Burlington, Ontario L7L 5M4 Canada
<input type="checkbox"/>	Semtech Irvine, 5141 California Ave., Suite 100, Irvine CA 92617
<input checked="" type="checkbox"/>	Semtech Neuchatel Sarl, Route des Gouttes d'Or 40, CH-2000 Neuchatel Switzerland
<input type="checkbox"/>	Semtech Corpus Christi SA de CV, Carretera Matamorros Edificio 7, Reynosa, Tamaulipas, Mexico 88780
<input type="checkbox"/>	

Change Details

Part Number(s) Affected:

HR1311IMLTRT, MRF89XAIWLTRT, RF66IMLTRT,
 SX1210I084TRT, SX1211I084TRT, SX1212IWLTRT,
 SX1213IWLTRT, SX1214I084TRT, SX1215IWLTRT,
 SX1230HIMLTRT, SX1230I066TRT, SX1231HIMLTRT,
 SX1231IMLTRT, SX1231JIMLTRT, SX1232BIMLTRT,
 SX1232IMLTRT, SX1233HIMLTRT, SX1233IMLTRT,
 SX1234IMLTRT, SX1235IMLTRT, SX1236IMLTRT,
 SX1239IMLTRT, SX1255IWLTRT, SX1255SIWLTRT,
 SX1257IWLTRT, SX1272IMLTRT, SX1273IMLTRT,
 SX1276IMLTRT, SX1277IMLTRT, SX1278IMLTRT,
 SX12FA084TRT, TRX2020IMLTRT

Customer Part Number(s) Affected: N/A

Description, Purpose and Effect of Change:

Change from Au to Cu wire bonding. Specifically, our assembly and test supplier has qualified 0.8 mil copper wire to replace 0.8 mil gold wire.

Change Classification	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor	Impact to Form, Fit, Function	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Impact to Data Sheet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	New Revision or Date	<input checked="" type="checkbox"/> N/A

Impact to Performance, Characteristics or Reliability:

No impact to performance, characteristics or reliability is expected as a result of this change.

Implementation Date	June 25, 2014	Work Week	1426
Last Time Ship (LTS) Of unchanged product	June 25, 2014	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	Samples are available for : SX1231IMLTRT, SX1272IMLTRT and SX1276IMLTRT. For other products, please contact your Sales representative.	Qualification Report Availability	February 2014

Supporting Documents for Change Validation/Attachments:

- **Qualification report** : 5611_WSG_CarsemCuMLP_121813.pdf
- **Detailed difference analysis** : Carsem Au to Cu wire conversion on TSMC 0.18um .ppt

Issuing Authority

Semtech Business Unit: Wireless Sensing and Timing (WST)



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Semtech Contact Info:	Anne Levy-Mandel Wireless, Sensing and Timing Quality Manager alevymandel@semtech.com +41 32 729 41 61	
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support		