



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000645

Date: 23-Sept-2020

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<input checked="" 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 type="checkbox"/> Semtech Neuchatel Sarl, Route des Gouttes d'Or 40, CH-2000 Neuchatel Switzerland
<input type="checkbox"/> Semtech Bristol - EMEA Limited, Block B, St James Court, Great Park Road, Bristol BS32 4QJ, UK
<input type="checkbox"/> Semtech Corpus Christi SA de CV, Carretera Matamorros Edificio 7, Reynosa, Tamaulipas, Mexico 88780
<input type="checkbox"/> Semtech Plano, 1101 Resource Drive, Suite 121, Plano TX 75074
<input type="checkbox"/>

Change Details

Part Number(s) Affected: SC283WLTRT	Customer Part Number(s) Affected: <input checked="" type="checkbox"/> N/A
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Description, Purpose and Effect of Change:

NEPES informed us that they would discontinue the bumping process on 8" wafers used for SC283WLTRT by June 2020.

ChipBond has been selected as a replacement source for Cu pillar bumping

ChipBond has been chosen because it is Semtech qualified bump house.

Bump specifications are identical between bumping houses, please refer to the attached delivery specification.

We just changed bumping from Napes to Chip-bond and keep the backend process at Unisem

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:

This change does not affect product performance, characteristics, reliability

Implementation Date	Dec-25th-2020	Work Week	WW51'2020
Last Time Ship (LTS) <small>Of unchanged product</small>	NA	Affecting Lot No. / Serial No. (SN)	AER6906A/AER6906 B/AER6906C
Sample Availability	Yes	Qualification Report Availability	Yes

Supporting Documents for Change Validation/Attachments:

- Qualification report.

Issuing Authority



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Semtech Business Unit:	Power Management	
Semtech Contact Info:	<p>Randy Biddle <i>Senior Supplier Quality Engineer</i> Semtech Corporation 200 Flynn Rd Camarillo, CA 93012 rbiddle@semtech.com Voice: (805)389-2787 Mobile: 805.419.1511</p>	
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support		