



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000509

Date: 30July2018

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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 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 checked="" type="checkbox"/> Semtech Plano, 1101 Resource Drive, Suite 121, Plano TX 75074
<input type="checkbox"/>

Change Details

Part Number(s) Affected: SC21150ACSTRT SC21150BCSTRT	Customer Part Number(s) Affected: <input checked="" type="checkbox"/> N/A
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Description, Purpose and Effect of Change:

- **Change process bump/probe flow from SMIC to Chipbond/Carsem, adding CB Dice/T&R as second source.**
- **UVLO Parameter Change to improve conditions in customer specific applications**
 - For customers who have not experienced any issues with UVLO in their current application, it will be transparent.

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	New Revision or Date	R5 <input type="checkbox"/> N/A

Impact to Performance, Characteristics or Reliability:

- **None**

Implementation Date	07/31/2018	Work Week	WW32
Last Time Ship (LTS) <small>Of unchanged product</small>	07/31/2018	Affecting Lot No. / Serial No. (SN)	T704490.1
Sample Availability	07/31/2018	Qualification Report Availability	07/31/2018

Supporting Documents for Change Validation/Attachments:

- **SC21150 Tiny 1.2A Synchronous Buck Regulator Datasheet**
 - Update SC21150 datasheet to include new trim options SC21150AVCSTRT and SC21150CVCSTRT
 - UVLO Specification Parameter Change
- **Final Reliability Test Report 6626_SC21150 CB_060718**




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Issuing Authority	
Semtech Business Unit:	Power Management
Semtech Contact Info:	<p><i>Randy Biddle</i> Engineer Sr., Product Quality Semtech Corporation 1101 Resource Dr. Suite 121 Plano, Texas 75074 rbiddle@semtech.com</p> 
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