



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000568

Date: July 23, 2019

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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"/> Nanotech Semiconductor, Semtech Corporation, 2 West Point Court, Bristol, United Kingdom, BS32 4PY
<input type="checkbox"/> Semtech Corpus Christi SA de CV, Carretera Matamorros Edificio 7, Reynosa, Tamaulipas, Mexico 88780
<input type="checkbox"/> Semtech Triune, 1101 Resource Drive, Suite 121, Plano TX 75074

Part Number(s) Affected: SX1261IMLTRT SX1262IMLTRT SX1268IMLTRT	Customer Part Number(s) Affected: <input checked="" type="checkbox"/> N/A
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Description, Purpose and Effect of Change:

Dear Valued SX126x Customers,

In an effort to keep improving the performance of our products, Semtech is issuing a series of changes to its documentation.

Whilst most of the modifications are minor and intend to clarify the documentation, two specific points require your attention in order to maximize the performance of your designs:

- Improvement of the LoRa modulation quality with 500 kHz Bandwidth
- Improvement of the control of the Power Amplifier Clamping stages on SX1262 and SX1268

These two important modifications are thoroughly described in the V1.2 version of the SX126x datasheets, issued in June 2019, and appended to this mail. All other clarifications in the datasheets are listed in the "Revision History" section of the same documents, for completeness.

We appreciate your continued business and trust,

Best regards
Semtech LoRa team

Change Classification	<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	Impact to Form, Fit, Function	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Impact to Data Sheet	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	New Revision or Date	<input checked="" type="checkbox"/>
Impact to Performance, Characteristics or Reliability:			
Refer to above section.			
Implementation Date	N/A	Work Week	N/A
Last Time Ship (LTS) <small>Of unchanged product</small>	N/A	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	N/A	Qualification Report Availability	N/A
Supporting Documents for Change Validation/Attachments:			
<ul style="list-style-type: none"> - SX1261/2 datasheet V1.2 - SX1268 datasheet V1.2 			
Issuing Authority			
Semtech Business Unit:	Wireless and Sensing Products (WSP)		
Semtech Contact Info:	Anne Levy-Mandel Wireless and Sensing Sr Quality Manager alevymandel@semtech.com +41 32 729 40 61		
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support			