



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000605

Date: February 24, 2020

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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: SX1302IMLTRT	Customer Part Number(s) Affected: <input checked="" type="checkbox"/> N/A
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Description, Purpose and Effect of Change:

Dear Valued SX1302 Customers,

In an effort to keep improving the performance of our products, Semtech is issuing a change to the documentation of the SX1302 baseband LoRa chip.

Located in Section 5 of the SX1302 datasheet Version 1.1 (January 2020), the added text describes how and when to power up VCC_CORE and VCC_IO, the two supply voltages of the SX1302. The power-up and power-down procedures shall respect this new specification.

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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



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Supporting Documents for Change Validation/Attachments:

- Updated datasheet version V1.1, DS_SX1302_V1.1.pdf

Issuing Authority

Semtech Business Unit: Wireless and Sensing Products (WSP)

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FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: <http://www.semtech.com/contact/index.html#support>