

Product/Process Change (PCN) Notification

PCN Number: CO-22680 Date Issued: Jan 30, 2019 PCN Effective Date: Jan 30, 2019 Product(s) Affected: PE42427 Sample Availability: NA Change Control Board Approval #: CO-22680	Contact: Elizabeth La Greca Title: Director, Sales Operations Phone: 858-795-0106 Email: elagreca@psemi.com
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Change Category:

<input type="checkbox"/> Wafer Fabrication Process <input type="checkbox"/> Design/Mask Change <input type="checkbox"/> Singulation Process <input type="checkbox"/> Assembly Process <input type="checkbox"/> Electrical Test – Location addition <input type="checkbox"/> Manufacturing Site – Assembly site change	<input type="checkbox"/> Shipping/Labeling <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input checked="" type="checkbox"/> Product Specification <input type="checkbox"/> Product End of Life <input type="checkbox"/> Other - Ordering Code
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Purpose of Change:

- 1) To extend operating temperature range of PE42427 to 95C from 85C
- 2) To clarify ESD HBM "All other pins" performance specified in PE42427 datasheet.

Description of Change:

Summary of Changes:

- 1) The PE42427 was deemed operable to 95C and thus operating temperature range was extended to 95C from 85C reflected in Table 5 and plots of the PE42427 Product Specification datasheet. The impacted performance plots in Figure 6+ have also been updated to reflect the 95C curves.
- 2) The HBM ESD voltage stated in Table 6 for "All other pins" was clarified to 1000V to reflect verbiage reflected in the Features section of Page 1. HBM ESD voltage of "RF pins to GND" remains the same at 4000V.

Form, fit or function of the device is not affected by this change.

For questions, please contact pSemi@PCN.com

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Customer Acknowledgement of Receipt*:

<input type="checkbox"/> Change Denied <i>(Include explanation in comments section below)</i> <input type="checkbox"/> Change Approved	Name:	
	Title:	
	Company:	
	Date:	
	Signature:	
Customer Comments:		

*Customer Acknowledgement is based upon JEDEC Standard, JESD46D. Form # DOC-00558 Rev2
 If there is a difference between JEDEC and specific customer requirements,
 customer requirements take precedence.