

Product/Process Change (PCN) Notification

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| PCN Number: DOC-107705 Date Issued: Dec 13th, 2021 PCN Effective Date: Dec 13th, 2021 Product(s) Affected: PE42442 Sample Availability: Dec 13th, 2021 Change Control Board Approval #: CO-31288 | Contact: Yumi Otokawa Title: Manager, Sales Operations Phone: 1-858-869-0591 Email: pcn@psemi.com |
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Change Category:

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| <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 <input type="checkbox"/> Manufacturing Site | <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 codes change |
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Purpose of Change:

PE42442 operating temperature range is extended from +105°C to +125°C

Description of Change:

This is a notification to advise our customers that PE42442 operating temperature is extended from +105°C to +125°C. With this temperature extension, some datasheet specification is revised as below.

Electrical Specification table at +125°C is added to datasheet.
 Pmax, CW at +125°C and Pmax, TERM at +125°C are added and Operating temperature range is extended to +125°C in Operating Ranges table.
 Pmax, ABS at +125°C is added in Absolute Maximum Ratings table.

There will be no change in form, fit and function of this product and ordering code remains same.

pSemi manages inventory on a First-In First-Out (FIFO) basis. For the exact timing of the order code change, please contact your account rep. or accountrep@psemi.com.

Customer Acknowledgement of Receipt:

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| <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: | | |