

Product/Process Change (PCN) Notification

PCN Number: DOC-108321
Date Issued: Feb 18th, 2022
PCN Effective Date: Feb 18th, 2022
Product(s) Affected: PE42420
Sample Availability: Feb 18th, 2022
Change Control Board Approval #: CO-31706

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Change Category:

- | | |
|--|---|
| ☐ Wafer Fabrication Process | ☐ Shipping/Labeling |
| ☐ Design/Mask Change | ☐ Equipment |
| ☐ Singulation Process | ☐ Material |
| ☐ Assembly Process | ☒ Product Specification |
| ☐ Electrical Test | ☐ Product End of Life |
| ☐ Manufacturing Site | ☐ Other - Ordering codes change |

Purpose of Change:

PE42420 operating temperature range is extended from +105°C to +125°C

Description of Change:

This is a notification to advise our customers that PE42420 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.

Maximum operating power (RFC-RFX) is revised to 25dBm in Operating Ranges table

Maximum peak power into termination (RFX) is revised to 20dBm in Operating Ranges table

Operating temperature range is extended to +125°C in Operating Ranges table.

Operating power 20 MHz is revised to 28dBm in Absolute Maximum Ratings table.

Maximum peak power into termination (RFX) is revised to 23dBm 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.

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Customer Acknowledgement of Receipt:

☐ Change Denied <i>(Include explanation in comments section below)</i> ☐ Change Approved	Name:	
	Title:	
	Company:	
	Date:	
	Signature:	
Customer Comments:		