

Product/Process Change (PCN) Notification

PCN Number: CO-16273 Date Issued: February 10 th , 2017 PCN Effective Date: March 21 st , 2017 Product(s) Affected: PE4314 Sample Availability: February 10 th , 2017 Change Control Board Approval #: CO-16273	Contact: Elizabeth La Greca Title: Director, Sales Operations Phone: 858-255-7839 Email: PCN@psemi.com
---	---

Change Category:

<input type="checkbox"/> Wafer Fabrication Process <input checked="" 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 checked="" type="checkbox"/> Other - Ordering Code
--	---

Purpose of Change:

Improve PE4314 spurious performance for the cable broadband market

Description of Change:

PE4314 spurious levels have been improved in the cable equipment frequency band beginning at 5 MHz. The PE4314 product specification datasheet "Spur-Free Performance" section has been updated to reflect a lower fundamental frequency of 2.6 MHz and a typical spurious level of -154dBm from 5 MHz and above. There are no other electrical specification changes to the PE4314 datasheet.

The spurious enhanced PE4314 (PE4314B-Z) has been qualified with no change to form, fit or reliability.

Ordering Code Information:

- PE4314A-Z, EK4314-01: (Original PE4314 production part and EVK)
- PE4314B-Z, EK4314-02: (New PE4314 production part and EVK)

Beginning March 21st, 2017, Peregrine will transition from PE4314A-Z to PE4314B-Z production shipment to customers.

A qualification dataset is available and can be requested through your local Sales Representative.

For more information, please contact PCN@psemi.com.

Product/Process Change (PCN) Notification

--

--

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:		