

## Product/ Process Change (PCN) Notification

PCN Number: CO-17633 Date Issued: Jul 11 <sup>th</sup> , 2017 PCN Effective Date: Oct 11 <sup>th</sup> , 2017 Product(s) Affected: PE43712 Sample Availability: Jul 25 <sup>st</sup> , 2017 Change Control Board Approval #: CO-17633	Contact: Elizabeth La Greca Title: Director, Sales Operations Phone: 858-255-7839 Email: PCN@psemi.com
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### Change Category:

<input checked="" type="checkbox"/> Wafer Fabrication Process - Dual Source <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 type="checkbox"/> Product Specification <input type="checkbox"/> Product End of Life <input checked="" type="checkbox"/> Other - Ordering Code
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### Purpose of Change:

To enable MagnaChip and Lapis as dual source wafer fabrication sites

### Description of Change:

MagnaChip closed their 150 mm wafer CMOS fab in South Korea at the end of 2015. To ensure there is no disruption to supply, we have been working to transfer products from MagnaChip fab to Lapis fab in Japan. Magnachip and Lapis are qualified Peregrine fabs.

Lapis PE43712 material has been qualified with no change to form, fit, function or reliability.

Beginning Oct 11<sup>th</sup>, 2017, the PE43712 shipped to customers will be supplied from either MagnaChip or Lapis wafers.

Ordering codes:  
 (Original) MagnaChip part number: PE43712A-Z, EK43712-02  
 (New) Lapis part number: PE43712B-Z, EK43712-03

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	<b>Name:</b>	
	<b>Title:</b>	
	<b>Company:</b>	
	<b>Date:</b>	
	<b>Signature:</b>	
<b>Customer Comments:</b>		

**\*Customer Acknowledgement is based upon JEDEC Standard, JESD46D.** Form # DOC-00558 Rev 2  
**If there is a difference between JEDEC and specific customer requirements, customer requirements take precedence.**