



## Product/Process Change (PCN) Notification

PCN Number: CO-23801 Date Issued: June 21 <sup>st</sup> , 2019 PCN Effective Date: September 20 <sup>th</sup> , 2019 Product(s) Affected: PE42423 Sample Availability: Available Change Control Board Approval #: CO-23801	Contact: Elizabeth La Greca Title: Director, Sales Operations Phone: 858-795-0106 Email: pcn@psemi.com
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### Change Category:

<input checked="" 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 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 PE42423 material has been qualified with no change to form, fit, function or reliability.

Beginning September 20<sup>th</sup>, 2019, PE42423 shipped to customers will be supplied from either MagnaChip or Lapis wafers.

Ordering codes:  
 (Original) MagnaChip part number: PE42423MLBA-Z, EK42423-02  
 (New) Lapis part number: PE42423B-Z, EK42423-03

For more information, please contact PCN@psemi.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	<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 Rev2  
If there is a difference between JEDEC and specific customer requirements,  
customer requirements take precedence.**