Peregrine Semiconductor Corp.
9380 Carroll Park Drive, San Diego, CA. 92121

# Product/ Process Change (PCN) Notification

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|---|---|
| PCN Number: CO-16381<br>Date Issued: Mar 3rd, 2017<br>PCN Effective Date: Jun 3rd, 2017<br>Product(s) Affected: PE4312 DIE<br>Sample Availability: Mar 3rd , 2017<br>Change Control Board Approval #: CO-16381 | Contact: Elizabeth La Greca<br>Title: Director, Sales Operations<br>Phone: 858-255-7839<br>Email: PCN@psemi.com |

## Change Category:

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

## 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 PE4312 DIE material has been qualified with no change to form, fit, function or reliability.
Beginning Jun 3rd, 2017, the PE4312 DIE shipped to customers will be supplied from either MagnaChip or Lapis wafers.

Ordering codes:
(Original) MagnaChip part number: PE4312MLBA-E
(New) Lapis part number: PE4312C-E

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

***Customer Acknowledgement is based upon JEDEC Standard, JESD46D. If there is a difference between JEDEC and specific customer requirements, customer requirements take precedence.**

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**Customer Acknowledgement of Receipt* :**

| | | |
|---|---|---|
| ☐ Change Denied<br>*(Include explanation in comments section below)*<br>☐ Change Approved | **Name:** | |
| | **Title:** | |
| | **Company:** | |
| | **Date:** | |
| | **Signature:** | |
| **Customer Comments:** | | |

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