



PCN No. SM042718

Product/Process Change Notification (PCN)

Customer: Digi-Key Date: 4/27/18
 Customer Part #'s and/or Lot# Affected: A4945GLTR-T, A4945GLJTR-T, A4949GLTR-T, A4949GLJTR-T, and A4949GLJTR-6-T
 Originator: Scott Mitti
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Description of the Change

Part Change: Process Change: Other:
 Duration of Change: Permanent: Temporary (explain):
 Expected Date for Internal Qualification: Complete
 Expected PPAP Availability Date: N/A
 Target Implementaiton Date: 8/1/18
 Estimated Date of 1st Shipment: 9/1/18
 Expected Sample Availability Date: Available Now
 Is a PPAP Update Required? Yes No

Is Reliability Testing Required? (If Yes, refer to the attached plan. If No, explain) Yes No

Complete

Summary description of the change

The A4945 and A4949 family of devices is currently manufactured on the 8inch ABCD5 technology line at Wafer Fab location Polar Semiconductor, LLC, (PSL) Bloomington, MN USA. A second Wafer Fab location will be added on the 8 inch ABCD5 technology line at United Microelectronics Corporation (UMC), Hsinshu, Taiwan

What is the part or process changing from (provide details)?

The current Wafer Fab location is 8inch ABCD5 technology line at Wafer Fab location Polar Semiconductor, LLC, (PSL) Bloomington, MN USA.



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What is the part or process changing to (describe the anticipated impact of this change on form, fit and/or function)? Note: Validation of equivalence within a specific application is at the discretion of the Customer.

A second Wafer Fab location will be added as 8 inch ABCD5 technology line at United Microelectronics Corporation (UMC), Hsinshu, Taiwan.
UMC will be the primary Wafer Fab site.

Customer Approval

Customer Approval Required? Yes (Date Required: N/A)
 No (Notification Only)

Customer Comments/Conditions of Acceptance:

[Empty box for Customer Comments/Conditions of Acceptance]

Approved By: _____
Title: _____
Date: _____

Please note: It is our intention to inform our customer of changes as early as possible. Under Allegro’s procedure for product/process change notification, Allegro strives, based on its technical judgment, to provide notification of significant changes that may affect form, fit or function. However, as Allegro cannot ensure evaluation of product/process changes for each and every application; the customer retains responsibility to validate the impact of a change on its application suitability. If samples are needed for validation of a change, requests may be made via the contact information provided herein. Please contact your Account Manager or local Sales for any questions. We would kindly request your consideration so we can meet our target date for implementation. Unless both parties agree to extend the implementation date, this change will be implemented as scheduled.