



PCN No. SM091118

### Product/Process Change Notification (PCN)

Customer: Digi-Key Date: 8/31/18  
Customer Part #'s and/or Lot# Affected: A3909GLNTR-T and A3909GLYTR-T

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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: 3/1/19  
Estimated Date of 1st Shipment: 4/1/19  
Expected Sample Availability Date: Available Now  
Is a PPAP Update Required?  Yes  No No

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

Yes, Complete, available by request

#### Summary description of the change

Allegro currently manufactures the A3909GLNTR-T and A3909GLYTR-T at wafer fab, Polar Semiconductor LLC (PSL), Bloomington, MN, USA, utilizing 8" ABCD5 technology. Allegro will be adding the United Microelectronics Corporation (UMC), Hsinshu, Taiwan wafer fab 8" ABCD5 technology wafer line as an additional wafer fab site.

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

Allegro currently manufactures the A3909GLNTR-T and A3909GLYTR-T at wafer fab, Polar Semiconductor LLC (PSL), Bloomington, MN, USA, utilizing 8" ABCD5 technology.



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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.

Allegro will be adding the United Microelectronics Corporation (UMC), Hsinshu, Taiwan wafer fab 8" ABCD5 technology wafer line as an additional wafer fab site.

#### Customer Approval

Customer Approval Required?  Yes (Date Required: \_\_\_\_\_)  
 No (Notification Only)

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.