

PCN Number: 13092016
Chgnot.doc rev 13 /14

Product/Process Change Notification (PCN)

Customer: Digi-Key

Date: September 19, 2016

Customer Part # and/or Lot# affected: A3211ELHLU-T, A3211ELHLT-T,
A3211ELHLX-T

Originator: Stylianos Kalakonas

Phone: 603-626-2484

Fax: 603-641-5336

Duration of Change:

Permanent Temporary (explain)

Summary description of change: Part Change: Process Change: Other:

Allegro will discontinue manufacturing the PCN listed parts on the 8” diameter wafers CMOS P35LV process and replace them with 8” diameter wafer CMOS DABIC8E process meeting the same datasheet specifications.

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

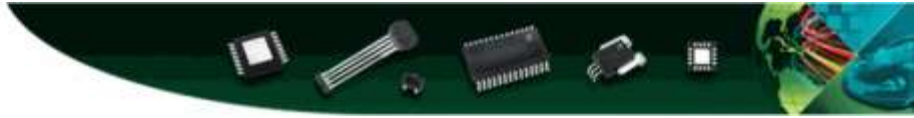
1. Allegro currently manufactures the PCN listed parts on the 8” diameter wafers with the CMOS P35LV process.
2. Allegro currently manufactures wafers for the PCN listed parts at Polar Semiconductor Inc. (PSI), Bloomington, MN, USA using DABIC5 technology.

What is the part or process changing to (describe the anticipated impact of this change on form, fit and/or function)?

1. Allegro will manufacture the PCN listed parts on 8” diameter wafers with the CMOS DABIC8E process.
2. Allegro will manufacture the PCN listed parts at the contract manufacturer wafer fabrication facility known as United Microelectronics Corporation (UMC), Hsinchu Taiwan. Devices from this wafer fabrication facilities are in full compliance with the electrical and dimensional parameters on the existing Allegro published datasheet.

There is no significant impact to form fit or function for these part changes.

Note: Validation of equivalence within a specific application is at the discretion of the Customer.



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Is a PPAP update required? Yes No

Is reliability testing required? Yes No (explain)

Expected completion date for internal qualification: Complete

Expected PPAP availability date: Upon request

Estimated date of first shipment: January 2017

Expected sample availability date: Available

Customer Approval Required: Yes Date Required:
No Notification Only

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 contact 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.

Customer comments/Conditions of Acceptance:

Approved by:
cc: Allegro Sales/Marketing/Quality

Date:

Title: