

PCN Number: 03202018-667

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Product/Process Change Notification (PCN)

Customer: Digi-Key

Date: 28 March, 2018

Allegro Part Number(s):

ATS667LSJTN-T	A1628LKTN-T	ATS667LSGTN-T
A1667LK-T	A1667LLTR-T	ATS667LSJTN-MN-T
A1667LKTN-T	ATS667LSGTN-MN-T	ATS628LSJTN-T
A1667LKTS-T	ATS628LSGTN-T	ATS667LSGTN-60-T
A1628LKTI-T	<i>Includes all packaging suffix.</i>	

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 has qualified and added a second source wafer foundry for the subject devices. Allegro’s partnership with a leading global semiconductor foundry coupled with our existing sister fabrication facility will provide continued security of supply for our customers as well as support Allegro forecasted growth. The product sourced from either wafer fabrication facilities are in full compliance with the electrical and dimensional parameters on the existing Allegro published datasheet. A transparency comparison of the device is available upon request. Full lot traceability is maintained for product shipped from either fab source.

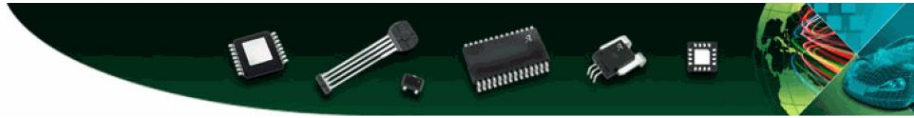
What is the part or process changing from (provide details)?

Allegro currently manufactures wafers for the subject device(s) solely at Polar Semiconductor LLC. (PSL), Bloomington, MN, USA.

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

Allegro has added a second source wafer fabrication facility, United Microelectronics Corporation located in Hsinshu, Taiwan which will become the primary source for wafer production on the subject device(s). Polar Fab will remain as an active back-up solution.

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?
(If Yes, refer to attached plan)

Yes

No (explain)

Expected completion date for internal qualification: April 2018

Expected PPAP availability date: April 2018

Target implementation date: 1 October, 2018 or earlier

Estimated date of first shipment: 1 October, 2018 or earlier

Expected sample availability date: Now

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: