

Product/Process Change Notification (PCN)

Customer: DIGI-KEY CORPORATION

Date: 11/1/17

Customer Part # and/or Lot# affected:

ACS730KLCTR-20AB-T
ACS730KLCTR-40AB-T
ACS730KLCTR-50AB-T

Originator: Matt Clougherty

Phone: (603) 626-2693

Duration of Change:

Permanent Temporary (explain)

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

Allegro will be making a minor internal package modification to improve package robustness.

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

A slight lead-frame modification was made to increase the voltage isolation capability of the package. The side tie bars were disconnected from the signal pins to improve package creepage and clearance. The modification allows the package to be certified to a higher isolation rating.

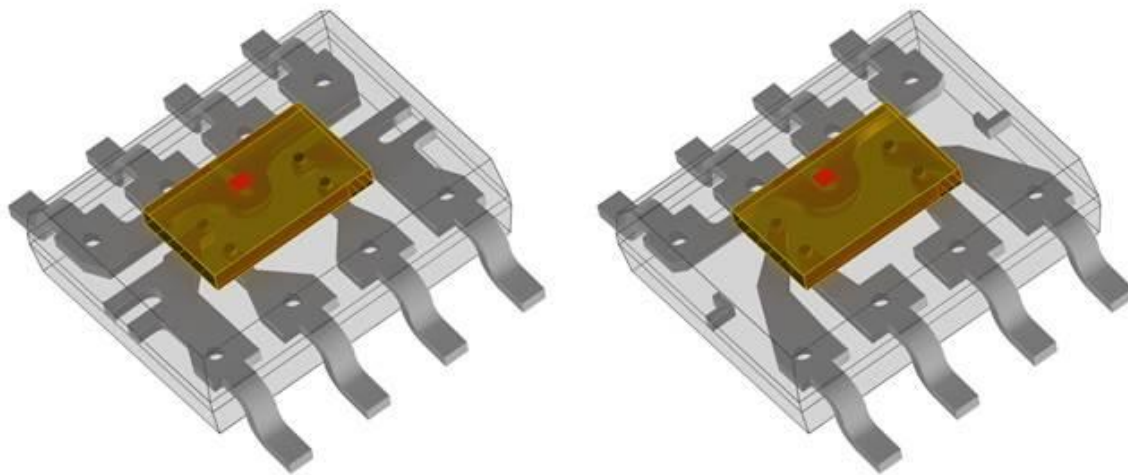
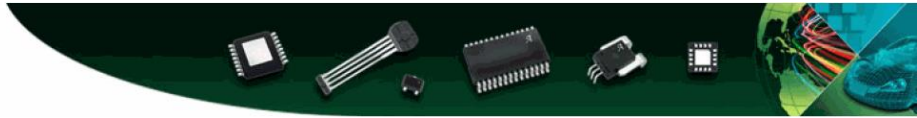


Figure 1: Side tie bar package illustration drawing.

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

There is no change to the form or fit of the product. The only functional change is the improved creepage and clearance distance of the package that allows for a higher certified isolation rating.



PCN Number: 1605
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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:

Expected Data availability date: N/A

Target implementation date: Immediately

Estimated date of first shipment: First shipment after 11/1/17

Expected sample availability date: Available 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. 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:

Date:

Title:

cc: Allegro Sales/Marketing/Quality