

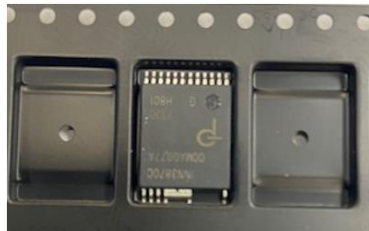
PRODUCT/PROCESS CHANGE NOTIFICATION

TYPE OF CHANGE: Design Manufacturing **Other: For Information Only**

This notification is provided in accordance with Power Integrations policy of product/process change notification. If you have any questions or need further assistance, please contact your regional Power Integrations sales office.

DESCRIPTION OF CHANGE

The InSOP-24D carrier tape pocket design with corner relief of 0.3mm radius will be added to the products mentioned in "Product Affected". There is neither change in the carrier tape dimensions nor the carrier tape material.



Existing Pocket Design



New Pocket Design with Corner Relief

REASON FOR CHANGE

The new carrier tape pocket with corner relief is to prevent coplanarity issue.

PRODUCT AFFECTED

Product Family	Ordering Part Number
InnoSwitch3-CE	INN3162C-H101-TL, INN3163C-H102-TL, INN3164C-H101-TL, INN3164C-H113-TL, INN3165C-H102-TL, INN3166C-H101-TL, INN3166C-H102-TL, INN3168C-H101-TL, INN3168C-H107-TL, INN3168C-H114-TL, SC1513C-TL, SC1513C-H060-TL, SC1532C-TL, SC1533C-TL, SC1534C-TL, SC1546C-HC15-TL
InnoSwitch3-CP	INN3264C-H201-TL, INN3264C-H202-TL, INN3264C-H220-TL, INN3265C-H201-TL, INN3265C-H202-TL, INN3265C-H211-TL, INN3265C-H214-TL, INN3266C-H204-TL, INN3266C-H206-TL, INN3266C-H210-TL, INN3266C-H214-TL, INN3266C-H217-TL, INN3267C-H205-TL, INN3267C-H214-TL, INN3268C-H202-TL, INN3268C-H208-TL, INN3268C-H209-TL, INN3268C-H210-TL, INN3268C-H214-TL, INN3268C-H215-TL, INN3277C-H205-TL, INN3278C-H114-TL, INN3270C-H215-TL, INN3270C-H217-TL, INN3270C0255-H114-TL, INN3278C-H215-TL, INN3278C-H232-TL, INN3279C-H114-TL, INN3279C-H215-TL, SC1551C-HC26-TL, SC1544C-H010-TL, SC1548C-H016-TL, SC1548C-H023-TL, SC1548C-HC32-TL, SC1550C-TL, SC1551C-H084-TL, SC1557C-TL, SC1557C-H071-TL, SC1558C-TL, SC1605C-TL, SC1606C-H016-TL, SC1910C-TL, SC1910C-H056-TL, SC1933C-H025-TL, SC1933C-H215-TL, SC1933C-H218-TL

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Product Family	Ordering Part Number
InnoSwitch3-EP	INN3670C-H605-TL, INN3670C-H606-TL, INN3672C-H601-TL, INN3670C-H615-TL, INN3678C-H606-TL, INN3672C-H602-TL, INN3672C-H606-TL, INN3673C-H601-TL, INN3673C-H602-TL, INN3674C-H601-TL, INN3675C-H601-TL, INN3675C-H602-TL, INN3675C-H603-TL, INN3675C-H604-TL, INN3675C-H605-TL, INN3675C-H606-TL, INN3676C-H601-TL, INN3676C-H602-TL, INN3676C-H605-TL, INN3676C-H606-TL, INN3677C-H601-TL, INN3677C-H602-TL, INN3677C-H603-TL, INN3677C-H605-TL, INN3677C-H606-TL, INN3694C-H606-TL, INN3696C-H606-TL, SC1607C-H019-TL, SC1620C-H080-TL
InnoSwitch3-Pro	INN3365C-H301-TL, INN3366C-H301-TL, INN3366C-H302-TL, INN3367C-H301-TL, INN3367C-H302-TL, INN3368C-H301-TL, INN3368C-H302-TL, INN3368C-H312-TL, INN3370C-H302-TL, INN3370C0255-H302-TL, INN3375C-H302-TL, INN3377C-H301-TL, INN3377C-H302-TL, INN3378C-H302-TL, INN3378C-H311-TL, INN3379C-H302-TL, SC1702C-TL, SC1702C-H051-TL, SC1703C-H009-TL, SC1707C-TL, SC1710C-TL, SC1711C-H007-TL, SC1711C-H026-TL, SC1713C-H015-TL, SC1715C-H059-TL, SC1716C-H061-TL, SC1738C-H034-TL, SC1738C-H085-TL, SC1750C-TL, SC1750C-H031-TL, SC1810C-H076-TL, SC1920C-TL, SC1922C-TL, SC1998C-H057-TL
LYTSwitch-6	LYT6065C-TL, LYT6068C-TL, LYT6075C-TL, LYT6077C-TL

QUALIFICATION STATUS

- Carrier Tape Fitting Analysis**

Details	New Carrier Tape Design
Maximum Pocket Size versus Minimum Component Size	Passed
Minimum pocket Size versus Maximum Component Size	Passed
Nominal Pocket Size versus Nominal Component Size	Passed
Result	Passed EIA-481 & Package POD

- Carrier Tape Qualification Items**

Details	Sub Details	Carrier Tape	
		Current	Proposed
Material Verification	ESD Test	Passed	Passed
	Dimensional Verification	Passed	Passed
Machine Verification	Carrier Tape Cosmetic Defect after Set Up	No Damage	No Damage
	Heater Shoe Condition	Good	Good
	Controller versus Actual Temperature	Passed	Passed
	Average Peel Back Force Acceptance Criteira: 50 to 60 grams	56.02	56.74
Inspection Process Verification	Reel/Unreel Simulation	Passed	Passed
	Sealing Quality	Passed	Passed

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- **Conclusion**

Based on the analysis and qualification, the new carrier tape pocket design with corner relief is qualified to be used for mass production without any changes in the process, handling, storage or disposal method.

EFFECT ON CUSTOMER

No adverse impact is expected in manufacturers' surface mount operations.

EFFECTIVE DATE

Immediate. The existing carrier tape will continue to be used after the addition.

SAMPLE AVAILABILITY

Not Applicable

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CUSTOMER ACKNOWLEDGEMENT

Power Integrations requests you acknowledge the receipt of the above-mentioned PCN. If no acknowledgment is received within 30 days of this notification, Power Integrations will assume the change is acceptable. Lack of any additional response within 90 days of this notification further constitutes acceptance of the change.

Power Integrations reserves the right to ship either version manufactured after the effective date until the inventory of the earlier version has been depleted.

If you have any questions or need further assistance, please contact your regional Power Integrations sales office. Otherwise, please check the box below, acknowledging the receipt of the PCN.

The indicated Product/Process Change Notification was received by the undersigned authority.

Name/Title: _____

Signature: _____ Date: _____

Email Address/Phone#: _____

Company/Location: _____

CUSTOMER COMMENTS

Please email this signed form to pcn@power.com specifying the PCN# in the subject.

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