

Product / Process Change Notification (PCN)
Honeywell Sensing and IOT (SIOT)

NJ site PCN #	2022012	Notification Date:	11/24/2022
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Change Title:	Adhesive change in ASIC die attach process of PX series products		
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Honeywell Contact

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Product Identification

Affected Part #(s)	PX series products		
Revision # (s)	B		
Does this change result in product number change?	YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>

Reason for Change: (check all that apply)

Material	<input checked="" type="checkbox"/>	Processing / Manufacturing	<input type="checkbox"/>
Design / Firmware / Software	<input type="checkbox"/>	Datasheet	<input type="checkbox"/>
Logistics	<input type="checkbox"/>	Functional	<input type="checkbox"/>
Appearance	<input type="checkbox"/>	Dimensional	<input type="checkbox"/>
Quality / Reliability	<input type="checkbox"/>	Other:	<input type="checkbox"/>

Change Description (include detailed process steps as applicable)

Documentation attached:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
Changing the adhesive LOCTITE ABLESTIK 8388A to LOCTITE ABLESTIK 2035SC in ASIC die attach process of PX series products. No dimensional change and No function & cosmetic impact.				

Justification for change

Documentation attached:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
The supplier stopped supplying the adhesive LOCTITE ABLESTIK 8388A. Verifying the adhesive LOCTITE ABLESTIK 2035SC to replace it.				

Quantifiable impact on Quality & Reliability (Include FMEA / reliability data as applicable)

Documentation attached:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
No any impact on function or reliability. Honeywell did internal qualification on below items:				
<ul style="list-style-type: none"> • Temperature/Pressure Characterization(-40C to 135C) ----- Pass • Thermal Shock Test(-40C to 130C, 1000 cycles) ----- Pass • High Temperature with Humidity Bias Test(85C&85%RH, 1000H) ----- Pass 				

Identification method to distinguish change

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No obvious change on appearance. Honeywell use Date Code for traceability on new adhesive.

Results Qualification Plan

Documentation attached:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
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Samples:	Available	<input type="checkbox"/>	Will be available:	<input type="checkbox"/>	Not Applicable	<input checked="" type="checkbox"/>
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Sample availability date: NA

NA

Customer Acknowledgement & Disposition *(if applicable)*

Honeywell requests that you acknowledge receipt of this change notification. Please sign and e-mail to SIOTQuality@Honeywell.com and contact listed above.

Approved:

Rejected:

Reject Reason:
(if applicable)

Disposition Date:

Company:

Name:

Title:

Business Phone:

Fax #

E-mail:

Location:

Comments:
(if any)