



## Process/Product Change Notification Form

Doc no: QF-2 Rev A04

PCN No:	PCN-61
Notice Date:	25 April 2023
Title:	Addition of new temperature screen processes for the automotive process flow.

Type of Change:	<input type="checkbox"/> Product	<input checked="" type="checkbox"/> Process/Material	<input type="checkbox"/> Other:
Level of Change	<input type="checkbox"/> Major	<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Information Only
PCN SUBMISSION PURPOSE:	<input type="checkbox"/> For Approval	<input checked="" type="checkbox"/> For Customer Notification Only	

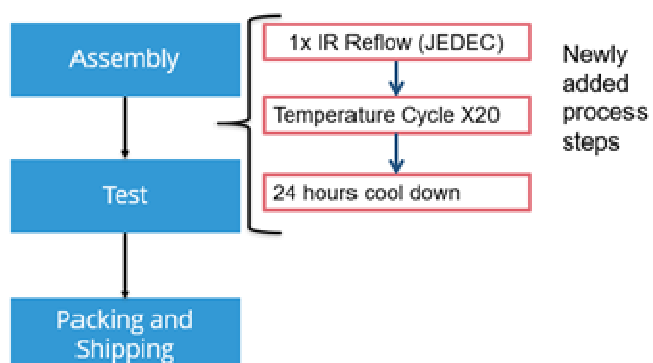
Products Affected: Penny (SIT8924, SIT8925, SIT2024, SIT2025)

Reason for Change: Quality Improvement

### Description of Change:

Effective April 07, 2023, all SiTime products with automotive offering, will be subjected to 1X reflow(JEDEC J-STD-020E) followed by 20 Temperature cycles (JESD22-A104D – Condition C). The temperature screen is used to increase effectiveness of screening out potential early life failures.

### Process Flow





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### Qualification Details:

There is no change in form, fit, function, quality and reliability of SiTime parts from this change.

<b>Proposed Change Implementation date:</b>	<b>7<sup>th</sup> April 2023</b>
<b>First Planned Ship Date:</b>	<b>7<sup>th</sup> April 2023</b>

**Effect of Change:** ☒ None ☐ Description below (ea. Product Quality, Performance, Reliability)

**Document/s Attached:** ☒ No ☐ Yes

<b>PCN Coordinator:</b>	<b>GUNASEGARAN ARCHUNAN</b>
<b>Job Title:</b>	<b>SR QUALITY MANAGER</b>

### Customer Acknowledgement:

For Major change, SiTime require approval from customer by signing this document or approval by email to the respective Sales. For any further clarifications, kindly contact SiTime sales support at [salesupport@sitime.com](mailto:salesupport@sitime.com) for assistance. If SiTime does not receive any response within 30 days of this notice, it will be considered as acceptance of this change.

For customers managed by distributors, it is a distributor's responsibility to ensure their end customers are notified and approval is obtained according to PCN requirements.

No approval is required for PCN customer notification only.

Acknowledged by :

Date :

Customer's Company :

*Remove this Signature Box for customer notification only.*

### Change Level Description: (as per JESD46):

Major Change: Process/Product change affecting the form, fit, function, quality and reliability of the product. Customer acknowledgement is requested.

Minor Change: Process/Product change does not affect the form, fit, function, quality and reliability of the product. Customer acknowledgement is requested.

Information Only: Customer response is not required.