

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCI No.	AMS/23/14407
1.3 Title of PCI	Power Management BU: Electrical characteristics improvements for STEL12H24PUR IC.
1.4 Product Category	Pls refer to the listed product
1.5 Issue date	2023-11-09

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
2.1.2 Phone	+1 8475853058
2.1.3 Email	heather.robertson@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Marcello SAN BIAGIO
2.2.2 Marketing Manager	Salvatore DI VINCENZO
2.2.3 Quality Manager	Giuseppe LISI

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	FE Plant: 0152-CATANIA BE Plant: 997G-UTAC Thai Limited

4. Description of change

	Old	New
4.1 Description	Temperature dependency of the Vcc's UVLO.	Vcc's UVLO parameter stability vs temperature.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	This document is issued to inform you that we performed negligible modifications at design level in order to remove the temperature dependency of the Vcc's UVLO. Additionally some electrical parameters have been reviewed in the DS with the aim to improve the product yield in production. This change will not impact the device's performances. The above changes are translated in an improved Quality level.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	The traceability of the new parts will be ensured by different internal codification and QA number.
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7. Timing / schedule

7.1 Date of qualification results	2023-11-05
7.2 Intended start of delivery	2023-12-09
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	
8.2 Qualification report and qualification results	In progress

9. Attachments (additional documentations)

14407 Public product.pdf

10. Affected parts

10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	STEL12H24PUR	

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Public Products List

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PCI Title : Power Management BU: Electrical characteristics improvements for STEL12H24PUR IC.

PCI Reference : AMS/23/14407

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STEL12H24PUR		
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