

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	AMS/23/13993	
1.3 Title of PCI	New top marking for TSB582IYQ2T	
1.4 Product Category	See product list	
1.5 Issue date	2023-03-10	

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
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Jean-Marc BUGNARD

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Methods	Traceability (marking content, company logo, etc)	UTAC Thailand

4. Description of change

	Old	New
4.1 Description	Traceability : - Assembly date code on package	Traceability : - 2D code with full traceability up to die level
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	Progressing on activities related to enhanced traceability, ST is pleased to announce the introduction of new marking for TSB582IYQ2T by implementing 2Dcode. The purpose of the introduction of 2D marking is to provide a full traceability from die level up to final test.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New 2D code
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7. Timing / schedule

7.1 Date of qualification results	2023-03-07
7.2 Intended start of delivery	2023-04-20
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

13993 Public product.pdf
13993 PCI TSB582IYQ2T marking.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
	TSB582IYQ2T	

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**PRODUCT/PROCESS
CHANGE INFORMATION**

PCI AMS/23/13993


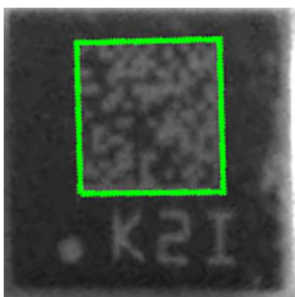
Analog, MEMS & Sensors (AMS)

New top marking for TSB582IYQ2T

WHAT:

Progressing on activities related to enhanced traceability, ST is pleased to announce the introduction of a new marking for TSB582IYQ2T by implementing 2Dcode.

Please find more information related to the change in the table here below

Material	Current process	Modified process	Comment
Diffusion location	No change		
Assembly location	No change		
Bill of material	No change		
traceability	Assembly datecode	Full traceability up to die level	
Appearance			

WHY:

The purpose of the introduction of 2D marking is to provide a full traceability from die level up to final test.

HOW:

The qualification program consists mainly in marking legibility verification and no impact on production flow.

WHEN:

The new Marking will be implemented in Q2/2023 in UTAC Thailand



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCI Title : New top marking for TSB582IYQ2T

PCI Reference : AMS/23/13993

Subject : Public Products List

Dear Customer,

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

TSB582IYQ2T		
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