


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/21/13170	
1.3 Title of PCN	Manufacturing line evolution in Amkor Philippines for General Purpose Analog products in MiniSO8 packages	
1.4 Product Category	See product list	
1.5 Issue date	2021-12-20	

2. PCN 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
Materials	New direct material part number r (same supplier, different supplier or new supplier),(Lead frame dimensions)	Back end plant : Amkor Philippines

4. Description of change

	Old	New
4.1 Description	- Molding compound : Sumitomo G700K - Lead-frame : Copper C7025 preplated NiPdAu - Mold : Manual mold	- Molding compound : Sumitomo G700LS - Lead-frame : Copper C7025 preplated NiPdAu Copper C194 Ag ring (for STC3100IST and TSX562) - Mold : Automold
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	This material change will contribute to ST's continuous quality product improvement and ensure a consistent assembly process through MiniSO8 production lines.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New Finished good codes
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7. Timing / schedule

7.1 Date of qualification results	2021-12-13
7.2 Intended start of delivery	2022-03-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13170 PCN miniSO AMkor EDLF - S219.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-12-20
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9. Attachments (additional documentations)

13170 Public product.pdf
13170 PCN miniSO AMkor EDLF - S219.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
	STC3100IST	
	TSX562AIYST	
	TSX562IYST	



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

PCN Title : Manufacturing line evolution in Amkor Philippines for General Purpose Analog products in MiniSO8 packages

PCN Reference : AMS/21/13170

Subject : Public Products List

Dear Customer,

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

TSX562AIYST	STC3100IST	TSX562IYST
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