


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/21/12558	
1.3 Title of PCN	Manufacturing line evolution in Amkor Philippines for General Purpose Analog Automotive grade products in MiniSO8 packages	
1.4 Product Category	See product list	
1.5 Issue date	2021-03-01	

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 (same supplier, different supplier or new supplier), Mold compound	Back end plant : Amkor Philippines

4. Description of change

	Old	New
4.1 Description	- Molding compound : Sumitomo G700K - Lead-frame : Copper C7025 preplated NiPdAu = 120 units per frame - Mold : Manual mold	- Molding compound : Sumitomo G700LS - Lead-frame : Copper C7025 preplated NiPdAu = 192 units per frame - 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	2021-01-15
7.2 Intended start of delivery	2021-06-15
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12558 PCN miniSO AMkor EDLF (002).pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-03-01

9. Attachments (additional documentations)

12558 Public product.pdf
12558 PCN miniSO AMkor EDLF (002).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
	LM2903YST	
	LM2904YST	
	LMV822AIYST	
	LMV822IYST	
	TS3022IYST	
	TSV852AIYST	
	TSV852IYST	
	TSV912AIYST	
	TSV912IYST	
	TSV992AIYST	
	TSV992IYST	



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 Automotive grade products in MiniSO8 packages

PCN Reference : AMS/21/12558

Subject : Public Products List

Dear Customer,

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

TS3022IYST	LMV822AIYST	TSV912AIYST
TSV852AIYST	TSV992AIYST	LMV822IYST
LM2904YST	TSV912IYST	TSV852IYST
TSV992IYST	LM2903YST	



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