


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

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

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	NEMETH KRISZTINA
<b>2.1.2 Phone</b>	+49 89460062210
<b>2.1.3 Email</b>	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Marcello SAN BIAGIO
<b>2.1.2 Marketing Manager</b>	Salvatore DI VINCENZO
<b>2.1.3 Quality Manager</b>	Jean-Marc BUGNARD

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
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**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	- 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
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

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

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	New Finished good codes
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**7. Timing / schedule**

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

**8. Qualification / Validation**

<b>8.1 Description</b>	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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<b>9. Attachments (additional documentations)</b>
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13170 Public product.pdf 13170 PCN miniSO AMkor EDLF - S219.pdf
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<b>10. Affected parts</b>
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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	

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