

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/22/12921	
1.3 Title of PCN	AMKOR ATP (Philippines) UFBGA5x5 package assembly line – with additional ROUSSET source for STM32L073x listed products	
1.4 Product Category	STM32L073x	
1.5 Issue date	2022-02-01	

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	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	(Not Defined)	AMKOR ATP (Philippines)

4. Description of change

	Old	New
4.1 Description	UFBGA5x5 Assembly line already qualified for CMOS F9S GO2 diffusion process variant as below: - Crolles BEOL Copper - Rousset BEOL Aluminium	UFBGA5x5 Assembly line qualified for CMOS F9S GO2 diffusion process variant - Crolles BEOL Copper - Rousset BEOL Aluminium - With additional Rousset BEOL Copper BEOL Copper = Back-End Of Line with 4 Metal copper + 1 Alu PAD BEOL Aluminium = Back-End Of Line with 4 Metal Alu + 1 Alu PAD (see description in additional information document)
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	additional wafer source supply
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Please refer to additional information document
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7. Timing / schedule

7.1 Date of qualification results	2022-01-24
7.2 Intended start of delivery	2022-04-15
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12921 MDG-MCD - RER1804 V3.0 - PCN10962 PCN13039 PCN12921 PCN12922- STM32 - Cu BEOL F9GO2S - Reliability Evaluation Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-02-01

9. Attachments (additional documentations)

12921 Public product.pdf
12921 MDG-MCD - RER1804 V3.0 - PCN10962 PCN13039 PCN12921 PCN12922- STM32 - Cu BEOL F9GO2S - Reliability Evaluation Report.pdf
12921 PCN12921_Additional information.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
	STM32L072RZI6	



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 : AMKOR ATP (Philippines) UFBGA5x5 package assembly line – with additional ROUSSET source for STM32L073x listed products

PCN Reference : MDG/22/12921

Subject : Public Products List

Dear Customer,

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

STM32L072RZI6D	STM32L072RBI6	STM32L072RZI6
STM32L073RZI6TR	STM32L072RBI6TR	STM32L072RZI6DTR
STM32L073RZI6	STM32L072RZI6TR	



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