

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/21/12439	
1.3 Title of PCN	AMKOR (Taiwan) Additional DPS line for WLCSP 12" STM32L4x, STM32L5x, STM32G0x, STM32G4x listed products	
1.4 Product Category	STM32G0 128K STM32G03 64K STM32G05 64K STM32G4 128K STM32G4 512K STM32L42x 128K STM32L44x 256K STM32L46x 512KB STM32L4Ax 1MB STM32L4R 2MB STM32L4x 1Mb STM32L5 512K	
1.5 Issue date	2021-10-25	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@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
Machines	(Not Defined)	Amkor ATT6 TaoYuan (Taiwan)

4. Description of change

	Old	New
4.1 Description	Existing DPS source: - ASE Kaohsiung Taiwan WLCSP12" - Amkor ATT3 HuKou (Taiwan) WLCSP12"	Already existing DPS source: - ASE Kaohsiung Taiwan WLCSP12" - Amkor ATT3 HuKou (Taiwan) WLCSP12" Additional DPS source - Amkor ATT6 TaoYuan (Taiwan) source for WLCSP12" For more information, please refer to PCN12439 – Additional information attached document.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Due to the success on the market of STM32 WLCSP devices, ST Microcontrollers Division decided to qualify an additional DPS site to maintain state of the art service level to our customers thanks to extra capacity.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	traceability ensured by ST internal tools
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7. Timing / schedule	
7.1 Date of qualification results	2021-10-15
7.2 Intended start of delivery	2021-12-20
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	12439 MDG-MCD RER2101 V1.0 - PCN12439 - ATT6 Additional DPS line for WLCSP 12" - Reliability Evaluation Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2021-10-25

9. Attachments (additional documentations)
12439 Public product.pdf 12439 MDG-MCD RER2101 V1.0 - PCN12439 - ATT6 Additional DPS line for WLCSP 12" - Reliability Evaluation Report.pdf 12439 PCN12439_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
	STM32L476JEY6TR	
	STM32L496VGY6TR	
	STM32G051F8Y6TR	
	STM32G061F8Y6TR	
2851019	STM32L431CBY7TR	
2855691	STM32L431RCY6TR	
2855705	STM32L443CCY6TR	
2855713	STM32L451REY6TR	
2855723	STM32L452REY6TR	
2855729	STM32L476MEY6TR	
2851029	STM32L496VGY6PTR	
2851050	STM32L4R9Ziy6TR	
2851062	STM32L4S9Ziy6TR	

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