


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/19/11730	
1.3 Title of PCN	STM32L05/07/08 products Crolles CRL300 Addendum to 10962 to include WLCSP12" package	
1.4 Product Category	STM32L05/07/08 products	
1.5 Issue date	2019-09-24	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	FRANCKE CHRISTIANE
2.1.2 Phone	+49 89460062128
2.1.3 Email	christiane.francke@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
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Wafer fabrication	Rousset 8" Crolles CRL300 Stats ChipPAC Singapore WLCSP 8" Amkor Taiwan ATT WLCSP 8" ASE Kaohsiung Taiwan WLCSP12" Amkor Taiwan ATT WLCSP12"

4. Description of change

	Old	New
4.1 Description	Aluminium interconnect back end of line in Rousset 8" assembled in WLCSP8"	- Aluminium interconnect back end of line in Rousset 8" assembled in WLCSP8" - Copper interconnect back end of line in Crolles CRL300 assembled in WLCSP12" Please refer to PCN 11730 – Additional information attached document.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No change	

5. Reason / motivation for change

5.1 Motivation	To increase capacity
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Please refer to PCN 11730 – Additional information attached document.
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7. Timing / schedule

7.1 Date of qualification results	2019-10-31
7.2 Intended start of delivery	2019-11-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11730 MDG-MCD-RER1809 - PCN10962 PCN11730 - F9GO2S Technology Transfer to CR300 - Reliability Plan.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-09-24
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9. Attachments (additional documentations)
11730 Public product.pdf 11730 MDG-MCD-RER1809 - PCN10962 PCN11730 - F9GO2S Technology Transfer to CR300 - Reliability Plan.pdf 11730 PCN11730_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
2851011	STM32L071CBY6TR	
2851012	STM32L072CZY3TR	
2851013	STM32L072CZY6DTR	

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