

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data	
1.1 Company	STMicroelectronics International N.V
1.2 PCN No.	ADG/23/13869
1.3 Title of PCN	Microcontrollers (M10 Family): Activation of SSHD Assembly Line in Malta on LQFP176 / LQFP144 Packages – First wave
1.4 Product Category	see list
1.5 Issue date	2023-01-09

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	Luca RODESCHINI
2.1.2 Marketing Manager	Matteo MOIOLI
2.1.3 Quality Manager	Alberto MERVIC

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), Lead frame base material	ST Kirkop - Malta

4. Description of change		
4.1 Description	Old	New
	Standard Leadframe ABLESTIK 3280T Die Attach EME-G700LS Mold Compound CuPd 0.7 mils Wire	Super Super High Density (SSHD) Leadframe ABLESTIK 8303A-2B1 Die Attach CEL 9240ZHF10S9 Mold Compound Cu 0.8 / 0.7 mils Wire
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change	
5.1 Motivation	Service – Assembly throughput increasing Quality – Automated new assembly line
5.2 Customer Benefit	YIELD IMPROVEMENT

6. Marking of parts / traceability of change	
6.1 Description	Dedicated Finished Good Codes

7. Timing / schedule	
7.1 Date of qualification results	2023-06-30
7.2 Intended start of delivery	2023-07-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation		
8.1 Description		
8.2 Qualification report and qualification results	In progress	Issue Date

9. Attachments (additional documentations)

13869 Public product.pdf
13869 Details.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
	SPC560B64L7C6E0X	
	SPC563M64L5COAR	
	SPC563M64L5COAY	
	SPC564B64L7C9E0X	
	SPC56EC64L7B9E0Y	
	SPC56EL70L5CBOSR	

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