

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

	Old	New
4.1 Description	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
	SPC563M64L5COAR	
	SPC563M64L5COAY	
	SPC564B64L7C9E0X	
	SPC564B74L7B9ECX	
	SPC56EL60L5CBFSY	
	SPC56EL70L5CBOSR	



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 : Microcontrollers (M10 Family): Activation of SSHD Assembly Line in Malta on LQFP176 / LQFP144 Packages – First wave

PCN Reference : ADG/23/13869

Subject : Public Products List

Dear Customer,

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

SPC564L54L5CBFSY	SPC564L54L5CBFSR	SPC56EL60L5CCOSR
SPC56EL70L5CBOSR	SPC564L70L5BBOSR	SPC564B74L7B9ECX
SPC560B64L7B6E0X	SPC56EC64L7B9E0Y	SPC564B64L7C800Y
SPC564B74L7C8E0X	SPC560B60L7B6E0X	SPC563M64L5COAR
SPC56EL70L5CBOSY	SPC56EL60L5CCOSY	SPC56EL60L5CBOSY
SPC56EL70L5CBFSR	SPC564L70L5BBOSY	SPC564B74L7B8E0X
SPC563M64L5COAY	SPC560B64L7C6E0X	SPC56EL60L5CBFQR
SPC564L60L5CCFQR	SPC56EL60L5CBFSY	SPC56EL54L5CBFSY
SPC56EL54L5CBFSR	SPC56EC70L7C9E0X	SPC563M60L5COBR
SPC56EL70L5CBFSY	SPC56EL60L5CBFQY	SPC564L60L5CCFQY
SPC56EL60L5CBOSR	SPC563M60L5COAR	SPC564B74L7C9ECX
SPC56EC74L7C9ECY	SPC564B70L7B9E0X	SPC564L60L5BCOQR
SPC564B64L7C9E0X	SPC56EC64L7B9E0X	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.