

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14782
1.3 Title of PCN	Microcontrollers (CMOSM40): Activation of QFP exposed pad SSHD Line (Malta)
1.4 Product Category	see list
1.5 Issue date	2024-06-04

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
2.2.2 Marketing Manager	Matteo MOIOLI
2.2.3 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 - Malta

4. Description of change

	Old	New
4.1 Description	Standard Assembly line	Super Super High Density (SSHD) Assembly Line
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	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
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7. Timing / schedule

7.1 Date of qualification results	2024-10-31
7.2 Intended start of delivery	2024-11-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	
8.2 Qualification report and qualification results	In progress

9. Attachments (additional documentations)

14782 Public product.pdf 14782 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
	SPC584B70E5EHC0X	
	SPC584B70E7NG00X	
	SPC58EC80E5FMC1X	
	SPC58EC80E5QMC1X	
	SPC58EE80E7QMHAY	
	SPC58EE84E7QMSAR	
	SPC58EG80E5FEC0X	
	SPC58EG80E5QEC0X	
	SPC58NE84E7QMHAR	
	SPC58NE84E7QMSAR	
	SPC58NG84E7QEH0Y	
	SPC58NH92E7RMI0X	
	SPC58NN84E7RMHBR	
	SPC58NN84E7RMHBY	
	SPC58EC80E7QMC1X	

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