


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	EMBEDDED PROCESSING/25/15679	
1.3 Title of PCN	Bonding wires change to Copper on M24256E CMOS F9V	
1.4 Product Category	M24256E CMOS F9V EEPROM product in TSSOP8 & DFN8	
1.5 Issue date	2025-08-07	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@st.com
2.2 Change responsibility	
2.2.1 Product Manager	David RICHETTO
2.1.2 Marketing Manager	Sylvain FIDELIS
2.1.3 Quality Manager	Mickael DENAIS-ALLICHON

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Direct Material: Bond Wire - Metallurgy (metallic composition/ raw material)	N/A

4. Description of change

	Old	New
4.1 Description	The M24256E product processed with the CMOS F9V technology and assembled in TSSOP8 at ST Shenzhen (China) and in DFN8 at ST Calamba (Philippines) with Gold bonding wires...	...will be now assembled with Copper bonding wires.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	- Form: No change - Fit: No change - Function: No change	

5. Reason / motivation for change

5.1 Motivation	The strategy of STMicroelectronics CS Division is to support our customers on a long-term basis. In line with this commitment, the qualification of the M24256E EEPROM products in TSSOP8 and DFN8 using Copper bonding wires allows us to follow industry trend and long-term competitiveness and consequently improve the service to our customers.
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	N/A
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7. Timing / schedule

7.1 Date of qualification results	2025-08-14
7.2 Intended start of delivery	2025-10-27
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)		
15679 Public product.pdf 15679 PCN CS15679.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
	M24256E-FMC6TG	

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