PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data	
1.1 Company	STMicroelectronics International N.V
1.2 PCI No.	ANALOG MEMS SENSORS/26/16546
1.3 Title of PCI	STWD100 - Product Flavor Fuses Programming Change.
1.4 Product Category	Pls refer to the impacted products list.
1.5 Issue date	2026-09-25

2. PCI 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	Francesco MACINA
2.1.2 Marketing Manager	Lionel GRILLO
2.1.3 Quality Manager	David MOCELLIN

3. Change		
3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Die redesign : Mask or mask set change with new die design like metallization (specifically chip frontside) or bug fix	FE: ST Ang Mo Kio SINGAPORE EWS: ST Toa Payo SINGAPORE ASSY: CARSEM M. MALAYSIA FT: CARSEM S. MALAYSIA

4. Description of change		
	Old	New
4.1 Description	Fuses blown by laser for programming product flavors	Hard coded fuses product flavors
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact on safety or compliance with regulations and fit, function, performance, requirements, or subsequent processing of product.	

5. Reason / motivation for change	
5.1 Motivation	Physical fuses on die are used to program product flavor. These fuses are blown by laser for programming product flavor (P: tWD = 3.4ms/tPW = 3.4ms, W: tWD = 6.3ms/tPW = 210ms, X: tWD = 102ms/tPW = 210ms, Y: tWD = 1.6s/tPW = 210ms). Fuses abnormality was found in production after detecting yield loss at Electrical Wafer Sorting tests in place. Flavor fuses mask will be modified, hard coding product flavor fuses. Flavor fuses will not be blown anymore. Unit Level Traceability fuses are still blown by laser.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change	
6.1 Description	Internal codification

7. Timing / schedule	
7.1 Date of qualification results	2026-06-26
7.2 Intended start of delivery	2026-10-25
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation			
8.1 Description	16546 STWD100_FUSE_PRGM_CHANGE_Results Presentation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2026-09-25

9. Attachments (additional documentations)
16546 Public product.pdf 16546 STWD100_FUSE_PRGM_CHANGE_Results Presentation.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
	STWD100NYWY3F	

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