

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	MICROCONTROLLERS/24/14717
1.3 Title of PCN	ST MUAR (Malaysia) - Qualification of final test flow with ARTEAC for selected STM8AL3x AUTOMOTIVE products
1.4 Product Category	STM8AL3x
1.5 Issue date	2024-05-16

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	KRAUSE INA
2.1.2 Phone	+49 89460062370
2.1.3 Email	ina.krause@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Ricardo Antonio DE SA EARP
2.1.2 Marketing Manager	Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General (Test Program)	Different sequence of tests within the test program : test sequence is not defined by Customer spec or Customer application requirements	ST MUAR (Malaysia)

4. Description of change

	Old	New
4.1 Description	Final Test production of family STM8AL3x 64K runs on V93000 platform only, without ARTEAC. Test Program without ARTEAC flow for Automotive product performs Quality Control (QC) after Final Test (FT).	Adding ARTEAC flow capability. Final Test production of family STM8AL3x 64K runs - on V93000 platform without ARTEAC. - or additionally on T2000 platform with ARTEAC enabled. Depending on test platform, test program for automotive products performs : - Either without ARTEAC standard quality control (QC) after final test (FT) - Or with ARTEAC (Automated Real Time Electrical and audit Control) test flow
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	QC ARTEAC implementation for GPM Automotive product to improve productivity & capacity. ARTEAC = Automated Real Time Electrical and audit Control
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Traceability ensured by ST internal tools
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7. Timing / schedule

7.1 Date of qualification results	2024-07-10
7.2 Intended start of delivery	2024-08-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation			
8.1 Description	14717 RER2406_MDRF-GPM_ST_MUAR-FT_Qualification_of_STM8AL3x_Products_on_T2000_v02.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2024-05-16

9. Attachments (additional documentations)	
14717 Public product.pdf	
14717 RER2406_MDRF-GPM_ST_MUAR-FT_Qualification_of_STM8AL3x_Products_on_T2000_v02.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
2518173	STM8AL3188TCX	

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