


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	MDG/17/10503	
1.3 Title of PCN	STM32F411 512K & STM32F400x 256K & STM32F41x 128KB T7 range products - datasheets improvement	
1.4 Product Category	STM32F411 512K & STM32F400x 256K & STM32F41x 128KB T7 range products	
1.5 Issue date	2017-12-19	

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	Michel BUFFA	
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
Method (EWS-FT)	Different test flow (step removal, step order change, temperature change, quality control steps optimization, test time reduction, etc..) if test flow is not defined by Customer.	All

4. Description of change

	Old	New
4.1 Description	Production temperature test : 105°C Datasheets : - DocID024738 Rev 9 on STM32F401xB & STM32F401xC products - DocID026289 Rev 6 on STM32F411xC & STM32F411xE products - DocID028094 Rev 5 on STM32F410x8 & STM32F410xB products	Production temperature test : 125°C. Datasheets : - DocID024738 Rev 10 on STM32F401xB & STM32F401xC products - DocID026289 Rev 7 on STM32F411xC & STM32F411xE products - DocID028094 Rev 6 on STM32F410x8 & STM32F410xB products
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no change	

5. Reason / motivation for change

5.1 Motivation	Ambient test temperature is extended from 105°C to 125°C.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability of the change is ensured by ST internal tools.
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7. Timing / schedule

7.1 Date of qualification results	2017-12-05
7.2 Intended start of delivery	2017-12-05
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	
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8.2 Qualification report and qualification results	In progress	Issue Date	
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9. Attachments (additional documentations)
10503 Public product.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
	STM32F401CBU7	

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