

## 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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<b>8.2 Qualification report and qualification results</b>	In progress	<b>Issue Date</b>	
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**9. Attachments (additional documentations)**

10503 Public product.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>

STM32F401CBU7

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