


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	MMS/15/9039	
1.3 Title of PCI	Datasheets and errata sheets update for STM32F0x and STM32F3x products listed below	
1.4 Product Category	STM32F0x and STM32F3x products listed below	
1.5 Issue date	2015-01-20	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	ROBERTSON HEATHER
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2.2 Change responsibility	
2.2.1 Product Manager	Michel BUFFA
2.1.2 Marketing Manager	Daniel COLONNA, Veronique BARLATIER
2.1.3 Quality Manager	Pascal NARCHE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Modification of datasheet	NA

4. Description of change

	Old	New
4.1 Description	See in annex 1.	<p>For all products, the comparator specification changes: The maximum VREFINT scaler startup time, tS_SC(max), is not as expected for the first activation of the VREFINT scaler after powering on the device. It can be up to 1s (instead of 0.1 ms or 0.2 ms) in worse case conditions. This maximum value depends mainly on the voltage and temperature. See the device datasheet for more details.</p> <p>In addition, for STM32F0x8x and STM32F3x8x products: If the VREFINT scaler is in use, the VDDA has to be minimum 2 V instead 1.65 V.</p> <p>See more details in annex 1.</p>
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	Function : VREFINT scaler startup time from power down & VDDA Analog supply voltage changes	

5. Reason / motivation for change

5.1 Motivation	Datasheet alignment with actual silicon performance.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	NA
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7. Timing / schedule

7.1 Date of qualification results	2015-01-19
7.2 Intended start of delivery	2015-01-19
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation			
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8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)			
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9039PpPrdtLst.pdf
9039_ANNEX 1.pdf

10. Affected parts		
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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
	STM32F051C4T6	
	STM32F051C6T6	
	STM32F051C8T6	
	STM32F051C8T6TR	
	STM32F051K4T6	
	STM32F051K4U6	
	STM32F051K4U6TR	
	STM32F051K6T6	
	STM32F051K6U6	
	STM32F051K8T6	
	STM32F051K8U6	
	STM32F051R4T6	
	STM32F051R4T6TR	
	STM32F051R6T6	
	STM32F051R8T6	
	STM32F051R8T6TR	
	STM32F072CBT6	
	STM32F072CBU6	
	STM32F072RBT6	
	STM32F072VBT6	
	STM32F302C8T6	
	STM32F302K8U6	
	STM32F302R8T6	
	STM32F303CCT6	
	STM32F303RCT6	
	STM32F303VCT6	
	STM32F334C4T6	
	STM32F334C6T6	
	STM32F334C8T6	
	STM32F334K4T6	
	STM32F334K6T6	
	STM32F334K8T6	
	STM32F334R6T6	
	STM32F334R8T6	
	STM32F373C8T6	
	STM32F373CBT6	
	STM32F373CCT6	
	STM32F373RBT6	
	STM32F373RCT6	
	STM32F373V8H6	

	STM32F373V8T6	
	STM32F373VBH6	
	STM32F373VBT6	
	STM32F373VCH6	
	STM32F373VCT6	

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