

**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>	MDG/17/10095	
<b>1.3 Title of PCI</b>	STM32F0 products - datasheets update	
<b>1.4 Product Category</b>	STM32F0 products	
<b>1.5 Issue date</b>	2017-03-31	

**2. PCI Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Michel BUFFA
<b>2.1.2 Marketing Manager</b>	Daniel COLONNA
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

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

**4. Description of change**

<b>Old</b>	<b>New</b>
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<b>4.1 Description</b>	<p>For STM32F038x6 products: - Previous datasheet : revision 3</p> <p>For STM32F058C8, STM32F058R8 &amp; STM32F058T8 products: - Previous datasheet : revision 3</p> <p>For STM32F031x4, STM32F031x6 &amp; STM32F0316DIE0 &amp; STM32F0316DIE1 products: - Previous datasheet : revision 4</p> <p>For STM32F048C6, STM32F048G6 &amp; STM32F048T6 products: - Previous datasheet : revision 5</p> <p>For STM32F070xB &amp; STM32F070x6 products: - Previous datasheet : revision 2</p> <p>For STM32F098CC, STM32F098RC &amp; STM32F098VC products: - Previous datasheet : revision 3</p> <p>For STM32F051x4, STM32F051x6, STM32F051x8, STM32F0518DIE0 &amp; STM32F0518DIE1 products: - Previous datasheet : revision 6</p> <p>For STM32F030x4, STM32F030x6, STM32F030x8 &amp; STM32F030xC products: - Previous datasheet : revision 2</p> <p>For STM32F071x8 &amp; STM32F071xB products: - Previous datasheet : revision 5</p> <p>For STM32F042x4, STM32F042x6 &amp; STM32F0426DIE6 products: - Previous datasheet : revision 4</p> <p>For STM32F072x8, STM32F072xB &amp; STM32F072VBDIE products: - Previous datasheet : revision 4</p> <p>For STM32F091xB, STM32F091xC &amp; STM32F091CDIE6 products: - Previous datasheet : revision 3</p> <p>For STM32F078CB, STM32F078RB &amp; STM32F078VB products: - Previous datasheet : revision 3</p>	<p>For STM32F038x6 products: - New datasheet : revision 4</p> <p>For STM32F058C8, STM32F058R8 &amp; STM32F058T8 products: - New datasheet : revision 4</p> <p>For STM32F031x4, STM32F031x6, STM32F0316DIE0 &amp; STM32F0316DIE1 products: - New datasheet : revision 5</p> <p>For STM32F048C6, STM32F048G6 &amp; STM32F048T6 products: - New datasheet : revision 6</p> <p>For STM32F070xB &amp; STM32F070x6 products: - New datasheet : revision 3</p> <p>For STM32F098CC, STM32F098RC &amp; STM32F098VC products: - New datasheet : revision 4</p> <p>For STM32F051x4, STM32F051x6, STM32F051x8, STM32F0518DIE0 &amp; STM32F0518DIE1 products: - New datasheet : revision 7</p> <p>For STM32F030x4, STM32F030x6, STM32F030x8 &amp; STM32F030xC products: - New datasheet : revision 3</p> <p>For STM32F071x8 &amp; STM32F071xB products: - New datasheet : revision 6</p> <p>For STM32F042x4, STM32F042x6 &amp; STM32F0426DIE6 products: - New datasheet : revision 5</p> <p>For STM32F072x8, STM32F072xB &amp; STM32F072VBDIE products: - New datasheet : revision 5</p> <p>For STM32F091xB, STM32F091xC &amp; STM32F091CDIE6 products: - New datasheet : revision 4</p> <p>For STM32F078CB, STM32F078RB &amp; STM32F078VB products: - New datasheet : revision 4</p> <p>Improvement of Min values of Internal reference voltage (VREFINT). Update of Typ and Max values of Internal reference voltage (VREFINT).</p>
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	<p>No change on product function nor performance. VREFINT documentation is updated thanks to 100% production testing: - Minimum value is improved. - Maximum value, that was previously based on characterization, is now aligned with production testing criteria. - Typical value is updated accordingly.</p>	

<b>5. Reason / motivation for change</b>
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<b>5.1 Motivation</b>	To regularize datasheet
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

<b>6. Marking of parts / traceability of change</b>
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<b>6.1 Description</b>	NA
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<b>7. Timing / schedule</b>
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<b>7.1 Date of qualification results</b>	2017-03-07
<b>7.2 Intended start of delivery</b>	2017-03-07
<b>7.3 Qualification sample available?</b>	Not Applicable

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

**9. Attachments (additional documentations)**

10095 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
	STM32F030C6T6	
	STM32F030C8T6	
	STM32F030F4P6	
	STM32F030K6T6	
	STM32F030R8T6	
	STM32F031C4T6	
	STM32F031C6T6	
	STM32F031E6Y6TR	
	STM32F031F4P6	
	STM32F031G4U6	
	STM32F031G6U6	
	STM32F031K4U6	
	STM32F031K6U6	
	STM32F042C6T6	
	STM32F042K6T6	
	STM32F051C4T6	
	STM32F051C6T6	
	STM32F051C8T6	
	STM32F051C8T6TR	
	STM32F051K4T6	
	STM32F051K4U6	
	STM32F051K4U6TR	
	STM32F051K6T6	
	STM32F051K6U6	
	STM32F051K8T6	
	STM32F051K8U6	
	STM32F051R4T6	
	STM32F051R6T6	
	STM32F051R8T6	
	STM32F051R8T6TR	
	STM32F051T8Y6TR	
	STM32F070CBT6	
	STM32F070RBT6	
	STM32F071CBT6	
	STM32F071RBT6	
	STM32F071VBT6	
	STM32F072CBT6	
	STM32F072CBU6	
	STM32F072RBT6	
	STM32F072VBT6	
	STM32F091CCT6	
	STM32F091CCU6	
	STM32F091RCT6	
	STM32F091RCY6TR	

	STM32F091VCT6	
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## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCI Title :** STM32F0 products - datasheets update

**PCI Reference :** MDG/17/10095

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM32F091CCT6TR	STM32F078VBT6	STM32F051K8U7
STM32F030R8T6	STM32F098CCT7	STM32F071CBU6
STM32F091CBT6	STM32F031C6T6	STM32F071CBT6TR
STM32F072C8T7	STM32F071VBT6TR	STM32F031G4U6
STM32F072RBT6	STM32F072VBH6TR	STM32F031F6P7TR
STM32F051R8T7	STM32F072CBT6	STM32F051K4U7
STM32F051K4U6	STM32F031G4U6TR	STM32F078CBT6
STM32F071CBT6	STM32F030C6T6	STM32F072C8T6TR
STM32F051C8T6TR	STM32F038C6T7	STM32F031F4P7
STM32F078CBU6	STM32F070CBT6TR	STM32F031C4T6
STM32F051R6T7TR	STM32F071RBT6	STM32F051K6U6
STM32F072RBT7	STM32F030CCT6	STM32F072V8T6
STM32F031K4U6	STM32F031F6P6	STM32F072R8T6TR
STM32F030C8T6	STM32F071V8T7TR	STM32F058R8H7
STM32F051K6U7TR	STM32F072C8T6	STM32F072RBH6
STM32F051K8U6	STM32F071CBU7	STM32F051C8T6
STM32F042K6U7	STM32F051C8T7	STM32F051C8U7
STM32F038F6P6	STM32F051C8U6TR	STM32F070CBT6
STM32F058C8U6	STM32F071RBT6TR	STM32F072VBH6
STM32F051C6T7	STM32F078RBH6TR	STM32F030F4P6TR
STM32F070F6P6	STM32F071V8T7	STM32F051C6U6
STM32F071V8T6	STM32F031K6U6TR	STM32F030F4P6
STM32F031C4T6TR	STM32F091RBT6	STM32F051K4U7TR
STM32F091CCT6J	STM32F031F4P6	STM32F051C6T6TR
STM32F072C8U6	STM32F031E6Y6TR	STM32F072CBU6
STM32F051K6U7	STM32F078RBT6	STM32F071VBT6
STM32F031C6T7	STM32F051C4U6	STM32F098VCT6
STM32F051C8U6	STM32F072CBU7	STM32F072C8U7
STM32F042C6U6	STM32F031G6U7	STM32F038G6U6
STM32F031C6T7TR	STM32F072CBY7TR	STM32F078VBH6
STM32F030C8T6TR	STM32F042C4T6	STM32F042C6T6
STM32F070C6T6	STM32F051R4T6	STM32F051K4U6TR
STM32F091CCU7	STM32F038C6T6	STM32F071CBU7TR
STM32F070RBT6TR	STM32F072C8U6TR	STM32F042K6T6
STM32F051C4T6	STM32F051K4T6	STM32F038K6U6
STM32F042K6U6	STM32F091CBT6TR	STM32F072CBT7



## Public Products List

STM32F091RCH6	STM32F091CBU6	STM32F051R6T6TR
STM32F071CBT7	STM32F031G6U6	STM32F051K6U6TR
STM32F051K8T7	STM32F030K6T6	STM32F042G6U6
STM32F042K4U6	STM32F072CBT6TR	STM32F031C6T6TR
STM32F072CBU6TR	STM32F031F4P6TR	STM32F071RBT7TR
STM32F072R8T6	STM32F098CCT6	STM32F098RCH6
STM32F051C8T7TR	STM32F091VCH7	STM32F091VCT6
STM32F031F6P7	STM32F078CBY6TR	STM32F071CBY6TR
STM32F030C6T6TR	STM32F058R8H6TR	STM32F030RCT6
STM32F072V8H6	STM32F031K6T7	STM32F042K6T7
STM32F048G6U6	STM32F051R4T6TR	STM32F051K6T6TR
STM32F051K4T6TR	STM32F091RCY7TR	STM32F071CBU6TR
STM32F071V8H6	STM32F031K6U6	STM32F091CCU6
STM32F091CCU6TR	STM32F078RBH7TR	STM32F091RCT6TR
STM32F048C6U6	STM32F031F6P6TR	STM32F072CBU7TR
STM32F051K8U7TR	STM32F051C4T6TR	STM32F098CCU6
STM32F058T8Y6TR	STM32F042F4P6	STM32F072RBH6TR
STM32F051R8T6	STM32F048C6U6TR	STM32F098RCY6TR
STM32F051R8T6TR	STM32F072RBT6TR	STM32F070RBT6
STM32F030CCT6TR	STM32F030K6T6TR	STM32F071VBH6
STM32F051K8T6	STM32F072RBT7TR	STM32F031K6U7
STM32F051K6T7	STM32F051K8U6TR	STM32F051R6T6
STM32F031G6U7TR	STM32F031G6U6TR	STM32F072VBT6
STM32F091RCT7	STM32F091CCT6	STM32F031G4U7
STM32F091CCT7	STM32F042C6U7	STM32F030R8T6TR
STM32F091RCH7	STM32F051T8Y6TR	STM32F051K6T6
STM32F051C6T6	STM32F058R8H7TR	STM32F048T6Y6TR
STM32F091VBT7	STM32F058R8T6	STM32F038E6Y6TR
STM32F051R8H7	STM32F031G4U7TR	STM32F031K6T6
STM32F042G4U6TR	STM32F030RCT6TR	STM32F091VBT6
STM32F091VCH6	STM32F071CBT7TR	STM32F042F6P7
STM32F042F4P6TR	STM32F031K4U6TR	STM32F042G4U6
STM32F072CBY6TR	STM32F091RCT6	STM32F042T6Y6TR
STM32F038F6P6TR	STM32F042F6P6	STM32F071V8T6TR
STM32F051K6T7TR	STM32F091RCT6J	STM32F070F6P6TR
STM32F051K8T6TR	STM32F098RCT6	STM32F091RCY6TR



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