


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>		MMS/16/9660
<b>1.3 Title of PCI</b>		STM32L0x product family datasheet update
<b>1.4 Product Category</b>		STM32L0x products
<b>1.5 Issue date</b>		2016-03-07

**2. PCI Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	SETTLES JEFF
<b>2.1.2 Phone</b>	+44 1628896222
<b>2.1.3 Email</b>	jeff.settles@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**

	Old	New
<b>4.1 Description</b>	<p>Previous datasheets are :</p> <ul style="list-style-type: none"> <li>- Datasheet Revision 2 for STM32L011x products</li> <li>- Datasheet Revision 2 for STM32L021x products</li> <li>- Datasheet Revision 3 for STM32L031x products</li> <li>- Datasheet Revision 1 for STM32L041x products</li> <li>- Datasheet Revision 5 for STM32L051x products</li> <li>- Datasheet Revision 5 for STM32L052x products</li> <li>- Datasheet Revision 5 for STM32L053x products</li> <li>- Datasheet Revision 5 for STM32L062x products</li> <li>- Datasheet Revision 4 for STM32L063x products</li> <li>- Datasheet Revision 2 for STM32L071x products</li> <li>- Datasheet Revision 2 for STM32L072x products</li> <li>- Datasheet Revision 2 for STM32L073x products</li> <li>- Datasheet Revision 2 for STM32L081x products</li> <li>- Datasheet Revision 2 for STM32L082x products</li> <li>- Datasheet Revision 2 for STM32L083x products</li> </ul>	<p>The new datasheets make a distinction between ADC direct channel and ADC standard channel :</p> <ul style="list-style-type: none"> <li>- The electrical characteristics of ADC direct channel remain unchanged.</li> <li>- Characteristics of ADC standard channel are updated.</li> </ul> <p>Modifications of ADC standard channel are described in table " RAIN max for fADC = 16 MHz" in listed datasheets below :</p> <ul style="list-style-type: none"> <li>- Datasheet Revision 3 for STM32L011x products</li> <li>- Datasheet Revision 3 for STM32L021x products</li> <li>- Datasheet Revision 4 for STM32L031x products</li> <li>- Datasheet Revision 2 for STM32L041x products</li> <li>- Datasheet Revision 6 for STM32L051x products</li> <li>- Datasheet Revision 6 for STM32L052x products</li> <li>- Datasheet Revision 6 for STM32L053x products</li> <li>- Datasheet Revision 6 for STM32L062x products</li> <li>- Datasheet Revision 5 for STM32L063x products</li> <li>- Datasheet Revision 3 for STM32L071x products</li> <li>- Datasheet Revision 3 for STM32L072x products</li> <li>- Datasheet Revision 3 for STM32L073x products</li> <li>- Datasheet Revision 3 for STM32L081x products</li> <li>- Datasheet Revision 3 for STM32L082x products</li> <li>- Datasheet Revision 3 for STM32L083x products</li> </ul>

4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no change
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<b>5. Reason / motivation for change</b>	
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5.1 Motivation	To regularize datasheets
5.2 Customer Benefit	QUALITY IMPROVEMENT

<b>6. Marking of parts / traceability of change</b>	
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6.1 Description	NA
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<b>7. Timing / schedule</b>	
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7.1 Date of qualification results	2016-03-04
7.2 Intended start of delivery	2016-03-04
7.3 Qualification sample available?	Not Applicable

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

<b>9. Attachments (additional documentations)</b>	
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9660PpPrdtLst.pdf
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<b>10. Affected parts</b>		
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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
	STM32L052C6T6	
	STM32L052K6U6	
	STM32L052K8U6	

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