

**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>	MDG/21/12853	
<b>1.3 Title of PCI</b>	STM32G0 128K/512K, STM32G03 64K & STM32G05 64K - Datasheets enhancement	
<b>1.4 Product Category</b>	STM32G03 64K STM32G05 64K STM32G0 128K STM32G0 512K	
<b>1.5 Issue date</b>	2021-09-01	

**2. PCI Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	KRAUSE INA
<b>2.1.2 Phone</b>	+49 89460062370
<b>2.1.3 Email</b>	ina.krause@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<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 :parameters/electrical specification (min./max./typ. values) and/or AC/DC specification	not applicable

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	VREFBUF (Voltage reference buffer) output Min/Typical/Max values do not match mass production device characteristics in below documents: - STM32G031x4/x6/x8 datasheet DS12992 Rev 2 - STM32G041x4/x6/x8 datasheet DS12993 Rev 2 - STM32G051x6/x8 datasheet DS13303 Rev 2 - STM32G061x6/x8 datasheet DS13513 Rev 2 - STM32G071x8/xB datasheet DS12232 Rev 3 - STM32G081xB Datasheet DS12231 Rev 3 - STM32G0B1xB/C/xE datasheet DS13560 Rev 1 - STM32G0C1xC/xE datasheet DS13564 Rev 1	VREFBUF (Voltage reference buffer) output Min/Typical/Max values are now matching mass production device characteristics in below documents: - STM32G031x4/x6/x8 datasheet DS12992 Rev 3 - STM32G041x4/x6/x8 datasheet DS12993 Rev 3 - STM32G051x6/x8 datasheet DS13303 Rev 3 - STM32G061x6/x8 datasheet DS13513 Rev 3 - STM32G071x8/xB datasheet DS12232 Rev 4 - STM32G081xB Datasheet DS12231 Rev 4 - STM32G0B1xB/C/xE datasheet DS13560 Rev 2 - STM32G0C1xC/xE datasheet DS13564 Rev 2
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	no impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Datasheet enhanced to align VREFBUF values with actual product characteristics
<b>5.2 Customer Benefit</b>	QUALITY IMPROVEMENT

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	not applicable
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2021-07-15
<b>7.2 Intended start of delivery</b>	2021-07-15
<b>7.3 Qualification sample available?</b>	Not Applicable

8. Qualification / Validation			
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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)			
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12853 Public product.pdf			
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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
	STM32G070CBT6	
	STM32G070KBT6	
	STM32G070RBT6	
	STM32G071GBU6N	
	STM32G071KBU6N	
3294301	STM32G030F6P6	
3294302	STM32G030J6M6	
3246912	STM32G031C6T6	
3246914	STM32G031C8T6	
3246916	STM32G031F4P6	
3246918	STM32G031F6P6	
3246919	STM32G031F8P6	
3246920	STM32G031G6U6	
3294303	STM32G031J6M6	
3246922	STM32G031K6T6	
3246924	STM32G031K8T6	
	STM32G050C6T6	
	STM32G050C8T6	
	STM32G050K6T6	
	STM32G050K8T6	
	STM32G051C6T6	
	STM32G051C6U6	
	STM32G051C8T6	
	STM32G051C8U6	
	STM32G051F8Y6TR	
	STM32G051G6U6	
	STM32G051G8U6	
	STM32G051K6T6	
	STM32G051K8T6	
	STM32G051K8U6	
3011626	STM32G071G8U6	
2980894	STM32G071GBU6	
2980897	STM32G071KBT6	
2980912	STM32G071RBI6	
2980913	STM32G081RBT6	
	STM32G0B0CET6	
	STM32G0B0KET6	
	STM32G0B0RET6	
	STM32G0B0VET6	
3652238	STM32G0B1CCU6	

	STM32G0B1CET6N	
3652239	STM32G0B1CEU6	
	STM32G0B1KCT6	
3652234	STM32G0B1KET6	
3652235	STM32G0B1KET6N	
	STM32G0B1KEU6	
3652236	STM32G0B1RET6	
3652237	STM32G0B1VET6	
	STM32G061C6T6	
	STM32G061C6U6	
	STM32G061C8T6	
	STM32G061C8U6	
	STM32G061F8Y6TR	
	STM32G061G6U6	
	STM32G061G8U6	
	STM32G061K6T6	
	STM32G0C1RET6	

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