PRODUCT / PROCESS CHANGE INFORMATION

	1. PCI basic data	
1.1 Company	*ST*	**STMicroelectronics International N.V**
1.2 PCI No.	MDG/17/10095	
1.3 Title of PCI	STM32F0 products - datasheets update	
1.4 Product Category	STM32F0 products	
1.5 Issue date	2017-03-31	

2. PCI Team	
2.1 Contact supplier	
2.1.1 Name	MARSHALL DAVE
2.1.2 Phone	
2.1.3 Email	dave.marshall@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Michel BUFFA
2.1.2 Marketing Manager	Daniel COLONNA
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	For STM32F038x6 products: - Previous datasheet : revision 3	For STM32F038x6 products: - New datasheet : revision 4
	For STM32F058C8, STM32F058R8 & STM32F058T8 products: - Previous datasheet : revision 3	For STM32F058C8, STM32F058R8 & STM32F058T8 products: - New datasheet : revision 4
	For STM32F031x4, STM32F031x6 & STM32F0316DIE0 & STM32F0316DIE1 products: - Previous datasheet : revision 4	For STM32F031x4, STM32F031x6, STM32F0316DIE0 & STM32F0316DIE1 products: - New datasheet : revision 5
	For STM32F048C6, STM32F048G6 & STM32F048T6 products: - Previous datasheet : revision 5	For STM32F048C6, STM32F048G6 & STM32F048T6 products: - New datasheet : revision 6
	For STM32F070xB & STM32F070x6 products: - Previous datasheet : revision 2	For STM32F070xB & STM32F070x6 products: - New datasheet : revision 3
	For STM32F098CC, STM32F098RC & STM32F098VC products: - Previous datasheet : revision 3	For STM32F098CC, STM32F098RC & STM32F098VC products: - New datasheet : revision 4
	For STM32F051x4, STM32F051x6, STM32F051x8, STM32F0518DIE0 & STM32F0518DIE1 products: - Previous datasheet : revision 6	For STM32F051x4, STM32F051x6, STM32F051x8, STM32F0518DIE0 & STM32F0518DIE1 products: - New datasheet : revision 7
	For STM32F030x4, STM32F030x6, STM32F030x8 & STM32F030xC products: - Previous datasheet : revision 2	For STM32F030x4, STM32F030x6, STM32F030x8 & STM32F030xC products: - New datasheet : revision 3
	For STM32F071x8 & STM32F071xB products: - Previous datasheet : revision 5	For STM32F071x8 & STM32F071xB products: - New datasheet : revision 6
	For STM32F042x4, STM32F042x6 & STM32F0426DIE6 products: - Previous datasheet : revision 4	For STM32F042x4, STM32F042x6 & STM32F0426DIE6 products: - New datasheet : revision 5
	For STM32F072x8, STM32F072xB & STM32F072VBDIE products: - Previous datasheet : revision 4	For STM32F072x8, STM32F072xB & STM32F072VBDIE products: - New datasheet : revision 5
	For STM32F091xB, STM32F091xC & STM32F091CDIE6 products: - Previous datasheet : revision 3	For STM32F091xB, STM32F091xC & STM32F091CDIE6 products: - New datasheet : revision 4
	For STM32F078CB, STM32F078RB & STM32F078VB products: - Previous datasheet : revision 3	For STM32F078CB, STM32F078RB & STM32F078VB products: - New datasheet : revision 4
		Improvement of Min values of Internal reference voltage (VREFINT). Update of Typ and Max values of Internal reference voltage (VREFINT).
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	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.	

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

6. Marking of parts / traceability of change	
6.1 Description	NA

7. Timing / schedule	
7.1 Date of qualification results	2017-03-07
7.2 Intended start of delivery	2017-03-07
7.3 Qualification sample available?	Not Applicable

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

9. Attachments (additional documentation)

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
2488281	STM32F030CCT6	
2488282	STM32F030RCT6	
2503233	STM32F031F6P6TR	
2488283	STM32F070C6T6	
2488284	STM32F070F6P6	
2488285	STM32F070RBT6	
2488286	STM32F071RBT6TR	
2488287	STM32F091CBT6	
2456959	STM32F091CBU6	
2488288	STM32F091CCT6J	
2488289	STM32F091CCT7	
2456960	STM32F091CCU6	
2456961	STM32F091CCU7	
2456962	STM32F091RBT6	
2503242	STM32F091RCH6	
2503243	STM32F091RCH7	
2456963	STM32F091RCT6	
2456964	STM32F091RCT7	
2488290	STM32F091RCY6TR	
2488291	STM32F091VBT6	
2503244	STM32F091VCH7	
2488292	STM32F098CCT6	
2503245	STM32F098CCU6	
2488293	STM32F098RCT6	
2488294	STM32F098RCY6TR	
2488295	STM32F098VCT6	
2518130	STM32F072RBH6	

IMPORTANT NOTICE – PLEASE READ CAREFULLY