

**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |  | STMicroelectronics International N.V |
| <b>1.2 PCI No.</b>          | MMS/16/9728   |                                      |
| <b>1.3 Title of PCI</b>     | STM32F100 512K product family datasheet & errata sheet update                     |                                      |
| <b>1.4 Product Category</b> | STM32F100 512K product family   |                                      |
| <b>1.5 Issue date</b>       | 2016-04-22  |                                      |

**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>  |
| <b>4.1 Description</b>   | For STM32F100xC STM32F100xD<br>STM32F100xE products:<br>- Previous datasheet : revision 9<br>- Previous errata sheet : revision 3 | For STM32F100xC STM32F100xD<br>STM32F100xE products :<br>- New datasheet : revision 10<br>- New errata sheet : revision 4<br>New Max Idd values in run mode, executing<br>from RAM, external clock, all peripherals<br>disabled , at TA = 85°C/105°C. |
| <b>4.2 Anticipated Impact on form,fit,<br/>function, quality, reliability or<br/>processability?</b> | no change   |   |

**5. Reason / motivation for change**

|                             |                         |
|-----------------------------|-------------------------|
| <b>5.1 Motivation</b>       | To regularize datasheet |
| <b>5.2 Customer Benefit</b> | QUALITY IMPROVEMENT     |

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

|                        |    |
|------------------------|----|
| <b>6.1 Description</b> | NA |
|------------------------|----|

**7. Timing / schedule**

|  |                |
|--|----------------|
| <b>7.1 Date of qualification results</b>   | 2016-04-22     |
| <b>7.2 Intended start of delivery</b>      | 2016-04-22     |
| <b>7.3 Qualification sample available?</b> | Not Applicable |

**8. Qualification / Validation**

|   |             |                       |  |
|---|-------------|-----------------------|--|
| <b>8.1 Description</b>  |             |                       |  |
| <b>8.2 Qualification report and<br/>qualification results</b> | In progress | <b>Issue<br/>Date</b> |  |

**9. Attachments (additional documentations)**

9728PpPrdtLst.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  |
|                         | STM32F100RCT6B          |                          |
|                         | STM32F100VCT6B          |                          |
|                         | STM32F100VDT6B          |                          |
|                         | STM32F100VET6B          |                          |

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## Public Products List

**PCI Title** : STM32F100 512K product family datasheet & errata sheet update

**PCI Reference** : MMS/16/9728

**PCI Created on** : 25-Mar-2016

**Subject** : Public Products List

Dear Customer,

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

|                  |                  |                  |
|------------------|------------------|------------------|
| STM32F100VDT6BTR | STM32F100VCT6B   | STM32F100ZET6BTR |
| STM32F100ZET7B   | STM32F100ZDT6B   | STM32F100RDT6B   |
| STM32F100VET6B   | STM32F100VET7B   | STM32F100VET6BTR |
| STM32F100VDT6B   | STM32F100ZDT6BTR | STM32F100ZET6B   |
| STM32F100VDT7B   | STM32F100RET6B   | STM32F100ZCT6B   |
| STM32F100RDT6BTR | STM32F100RET6BTR | STM32F100VCT6BTR |
| STM32F100RCT6B   |                  |                  |



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