## PRODUCT / PROCESS CHANGE NOTIFICATION

### 1. PCN basic data

| | |
|---|---|
| **1.1 Company** | STMicroelectronics International N.V |
| **1.2 PCN No.** | MDG/20/11729 |
| **1.3 Title of PCN** | STM32L4x 1Mb T7 range products - datasheets improvement |
| **1.4 Product Category** | STM32L4x 1Mb T7 range products |
| **1.5 Issue date** | 2020-02-07 |

### 2. PCN Team

| | |
|---|---|
| **2.1 Contact supplier** | |
| **2.1.1 Name** | ROBERTSON HEATHER |
| **2.1.2 Phone** | +1 8475853058 |
| **2.1.3 Email** | heather.robertson@st.com |
| **2.2 Change responsibility** | |
| **2.2.1 Product Manager** | Ricardo Antonio DE SA EARP |
| **2.1.2 Marketing Manager** | Veronique BARLATIER |
| **2.1.3 Quality Manager** | Pascal NARCHE |

### 3. Change

| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
|---|---|---|
| Method (EWS-FT) | Different test flow (step removal, step order change, temperature change, quality control steps optimization, test time reduction, etc..) if test flow is not agreed with Customer. | TSMC Fab14 (Taiwan) |

### 4. Description of change

| | Old | New |
|---|---|---|
| **4.1 Description** | Production temperature test : 105°C Datasheets : <br>- DS10741 Rev 2 STM32L471xx 1Mb products <br>- DS10969 Rev 5 STM32L475xx 1Mb products <br>- DS10198 Rev 8 STM32L476xx 1Mb products <br>- DS10199 Rev 7 STM32L486xx 1Mb products | Production temperature test : 125°C Datasheets: <br>- DS10741 Rev 4 STM32L471xx 1Mb products <br>- DS10969 Rev 6 STM32L475xx 1Mb products <br>- DS10198 Rev 9 STM32L476xx 1Mb products <br>- DS10199 Rev 8 STM32L486xx 1Mb products |
| **4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?** | No Change | |

### 5. Reason / motivation for change

| | |
|---|---|
| **5.1 Motivation** | Ambient test temperature is extended from 105°C to 125°C |
| **5.2 Customer Benefit** | SERVICE IMPROVEMENT |

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

| | |
|---|---|
| **6.1 Description** | Traceability of the change is ensured by ST internal tools. |

### 7. Timing / schedule

| | |
|---|---|
| **7.1 Date of qualification results** | 2020-02-03 |
| **7.2 Intended start of delivery** | 2020-03-03 |
| **7.3 Qualification sample available?** | Upon Request |

### 8. Qualification / Validation

| | | | |
|---|---|---|---|
| **8.1 Description** | | | |
| **8.2 Qualification report and qualification results** | In progress | Issue Date | |

| 9. Attachments (additional documentations) |
|---|
| 11729 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 |
| | STM32L471QEI7 | |
| | STM32L475RGT7 | |
| | STM32L476JGY7TR | |
| | STM32L476VGT7 | |
| | STM32L486RGT7 | |
| | STM32L486RGT7TR | |

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

# Public Products List

Publict 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

*PCN Title :* STM32L4x 1Mb T7 range products - datasheets improvement

*PCN Reference :* MDG/20/11729

*Subject :* Public Products List

Dear Customer,

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

| | | |
|---|---|---|
| STM32L471QEI7 | STM32L475RCT7 | STM32L476VGT7 |
| STM32L476JGY7TR | STM32L486RGT7TR | STM32L475RGT7TR |
| STM32L471QEI7TR | STM32L486RGT7 | STM32L475RGT7 |
| STM32L475RCT7TR | | |

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