


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |  | STMicroelectronics International N.V |
| <b>1.2 PCI No.</b>          | MDG/22/13368  |                                      |
| <b>1.3 Title of PCI</b>     | STM32H74x & STM32H75x 2MB product BootLoader & secure firmware improvement        |                                      |
| <b>1.4 Product Category</b> | STM32H74x,<br>STM32H75x   |                                      |
| <b>1.5 Issue date</b>       | 2022-06-28  |                                      |

**2. PCI Team**

|                                  |                            |
|----------------------------------|----------------------------|
| <b>2.1 Contact supplier</b>      |                            |
| <b>2.1.1 Name</b>                | KRISZTINA NEMETH           |
| <b>2.1.2 Phone</b>               | +49 89460062210            |
| <b>2.1.3 Email</b>               | krisztina.nemeth@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 | Firmware modification : firmware is programed in the memory without effect of electrical performance at the customer (bug fix) | Crolles (France)                  |

**4. Description of change**

|  |  |   |
|--|--|---|
|  | <b>Old</b>   | <b>New</b>  |
| <b>4.1 Description</b>   | Documents Current Revision<br>AN2606 - STM32 microcontroller system<br>memory boot mode - Rev54 April 2022                           | Documents New Revision<br>AN2606 - STM32 microcontroller system<br>memory boot mode - Rev55 June 2022 |
| <b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b> | No change on product<br>Revision update – impact on customer if check on revision is done (it might impact customer production flow) |   |

**5. Reason / motivation for change**

|                             |  |
|-----------------------------|--|
| <b>5.1 Motivation</b>       | To improve the SFI (Secure Firmware Install) functionality and the associated user experience. |
| <b>5.2 Customer Benefit</b> | SERVICE IMPROVEMENT  |

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

|                        |   |
|------------------------|---|
| <b>6.1 Description</b> | Traceability of the change is ensured by ST internal tools. |
|------------------------|---|

**7. Timing / schedule**

|  |                |
|--|----------------|
| <b>7.1 Date of qualification results</b>   | 2022-08-18     |
| <b>7.2 Intended start of delivery</b>      | 2022-09-22     |
| <b>7.3 Qualification sample available?</b> | Not Applicable |

**8. Qualification / Validation**

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

**9. Attachments (additional documentations)**

13368 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  |
|                         | STM32H742IGK6           |                          |
|                         | STM32H743BIT6           |                          |

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