# PRODUCT / PROCESS CHANGE NOTIFICATION

| 1. PCN basic data | |
|---|---|
| 1.1 Company | STMicroelectronics International N.V |
| 1.2 PCN No. | EMBEDDED PROCESSING/26/16579 |
| 1.3 Title of PCN | HHGrace (China) STM32H74x & STM32H75x - product enhancements |
| 1.4 Product Category | STM32H742x, STM32H743x, STM32H753x, STM32H750x, STM32H745x, STM32H755x, STM32H747x and STM32H757x |
| 1.5 Issue date | 2026-11-06 |

| 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 | Patrick AIDOUNE |
| 2.1.2 Marketing Manager | Marie TOURNUT |
| 2.1.3 Quality Manager | Pascal NARCHE |

| 3. Change | | |
|---|---|---|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| General Product & Design | Die redesign : Mask or mask set change with new die design - Die scribe or separation | HHGrace Fab7 and Fab9 (China) |

| 4. Description of change | | |
|---|---|---|
| | Old | New |
| 4.1 Description | Current STM32H74x and STM32H75x products<br>- HHGrace fab7: revision 2<br>- HHGrace fab9: revision 3<br><br>Reference Manuals current versions:<br>- RM0433 (STM32H742/743/753 and STM32H750 Single core ) version 8, Jan 2023<br>- RM0399 (STM32H745/755 and STM32H747/757 Dual Core ) version 4, June 2023<br><br>ErrataSheet<br>- ES0392 (STM32H742/743/753 and STM32H750 Single core ) Rev 15 , September 2025<br>- ES0445 (STM32H745/755 and STM32H747/757 Dual Core ) Rev 6 , September 2025 | STM32H74x and STM32H75x products enhancement<br>- HHGrace fab7: revision 4<br>- HHGrace fab9: revision 5<br><br>New Reference Manual versions:<br>- RM0433 (STM32H742/743/753 and STM32H750 Single core ) new version 9, June 2026<br>- RM0399 (STM32H745/755 and STM32H747/757 Dual Core ) new version 5, June 2026<br><br>ErrataSheet<br>- ES0392 (STM32H742/743/753 and STM32H750 Single core ) Rev 16<br>- ES0445 (STM32H745/755 and STM32H747/757 Dual Core ) Rev 7 |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | Functionality enhancement | |

| 5. Reason / motivation for change | |
|---|---|
| 5.1 Motivation | Improvements implemented to increase robustness, performances and quality of our products. |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT |

| 6. Marking of parts / traceability of change | |
|---|---|
| 6.1 Description | Traceability ensured by ST internal tools.<br>Die revision visible on top marking is updated :<br>- HHGrace fab7: revision from "2" to "4"<br>- HHGrace fab9: revision from "3" to "5" |

| 7. Timing / schedule | |
|---|---|
| 7.1 Date of qualification results | 2026-12-15 |
| 7.2 Intended start of delivery | 2026-12-20 |

| 7.3 Qualification sample available? | Upon Request |
|---|---|

| 8. Qualification / Validation | | | |
|---|---|---|---|
| 8.1 Description | 16579 MDRF-GPAM RER2511 - PCN16579 - Die 450 CSI Fix HHG M40- Reliability plan.pdf | | |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2026-11-06 |

| 9. Attachments (additional documentations) |
|---|
| 16579 Public product.pdf<br>16579 MDRF-GPAM RER2511 - PCN16579 - Die 450 CSI Fix HHG M40- Reliability plan.pdf<br>16579 _Additional information.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 |
| | STM32H742VGT6 | |
| | STM32H742VIT6 | |
| | STM32H742ZGT6 | |
| | STM32H743AII6 | |
| | STM32H743IGT6 | |
| | STM32H743IIK6 | |
| | STM32H743IIT6 | |
| | STM32H743VGT6 | |
| | STM32H743VIH6 | |
| | STM32H743VIT6 | |
| | STM32H743VIT6TR | |
| | STM32H743XIH6 | |
| | STM32H743XIH6TR | |
| | STM32H743ZGT6 | |
| | STM32H743ZIT6 | |
| | STM32H743ZIT6TR | |
| | STM32H745IIK6 | |
| | STM32H745IIT6 | |
| | STM32H745XGH6 | |
| | STM32H745XIH3 | |
| | STM32H745XIH6 | |
| | STM32H745ZIT3 | |
| | STM32H745ZIT6 | |
| | STM32H747AII6 | |
| | STM32H747IGT6 | |
| | STM32H747IIT6 | |
| | STM32H747XIH6 | |
| | STM32H750IBK6 | |
| | STM32H750IBK6TR | |
| | STM32H750IBT6 | |
| | STM32H750VBT6 | |
| | STM32H750VBT6TR | |
| | STM32H750XBH6 | |
| | STM32H750ZBT6 | |
| | STM32H753AII6 | |
| | STM32H753IIK6 | |
| | STM32H753IIT6 | |

| | | |
|---|---|---|
| | STM32H753VIH6 | |
| | STM32H753VIT6 | |
| | STM32H753VIT6TR | |
| | STM32H753XIH6 | |
| | STM32H753XIH6TR | |
| | STM32H753ZIT6 | |
| | STM32H755IIK3 | |
| | STM32H755IIK6 | |
| | STM32H755IIT3 | |
| | STM32H755IIT6 | |
| | STM32H755XIH3 | |
| | STM32H755XIH6 | |
| | STM32H755ZIT3 | |
| | STM32H755ZIT6 | |
| | STM32H757IIT6 | |
| | STM32H757XIH6 | |
| | STM32H757XIH6A | |
| | STM32H743BGT6 | |
| | STM32H743BIT6 | |
| | STM32H745BIT6 | |
| | STM32H747BIT6 | |
| | STM32H753BIT6 | |
| | STM32H755BIT3 | |
| | STM32H755BIT6 | |
| | STM32H757BIT6 | |

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