

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|-----------------------------|--|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | MDG/22/13076 | |
| 1.3 Title of PCN | ST Muar (Malaysia) Additional capacity through High Density Matrix Leadframe for STM8A AUTOMOTIVE listed products in LQFP 64 10x10 package | |
| 1.4 Product Category | STM8AF52xx, STM8AF62xx, STM8AF63xx | |
| 1.5 Issue date | 2022-09-07 | |

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 |
| Materials | New direct material part number r (same supplier, different supplier or new supplier),(Lead frame dimensions) | ST MUAR (Malaysia) |

4. Description of change

| | | |
|--|---|--|
| | Old | New |
| 4.1 Description | The current Bill of Materials in ST Muar (Malaysia) assembly plant is described in Additional information document. | The New Bill of Materials in ST Muar (Malaysia) assembly plant with High Density Matrix Leadframe is described in Additional information document. |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | Form: Yes - marking change Fit: No change, Function: No change, No impact for customer | |

5. Reason / motivation for change

| | |
|-----------------------------|--|
| 5.1 Motivation | The strategy of ST MCD Division is to increase the robustness and improve performances, quality and functionality of our products. This is achieved by introducing new Bill Of Material for STM8AF products. |
| 5.2 Customer Benefit | SERVICE CONTINUITY |

6. Marking of parts / traceability of change

| | |
|------------------------|---|
| 6.1 Description | Traceability ensured by ST internal tools |
|------------------------|---|

7. Timing / schedule

| | |
|--|----------------|
| 7.1 Date of qualification results | 2022-12-30 |
| 7.2 Intended start of delivery | 2023-01-03 |
| 7.3 Qualification sample available? | Not Applicable |

8. Qualification / Validation

| | |
|------------------------|---|
| 8.1 Description | 13076 MDG-GPM-RER2214 PCN13076 ST Muar LQFP10x10 64L Automotive MTX to HD conversion - reliability plan.pdf |
|------------------------|---|

| | | | |
|--|----------------------------|------------|------------|
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2022-09-07 |
|--|----------------------------|------------|------------|

9. Attachments (additional documentations)

13076 Public product.pdf
 13076 MDG-GPM-RER2214 PCN13076 ST Muar LQFP10x10 64L Automotive MTX to HD conversion - reliability plan.pdf
 13076 PCN13076_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 |
| | STM8AF5269TAY | |
| | STM8AF5289TAY | |
| | STM8AF5289TCX | |
| | STM8AF5289TCY | |
| | STM8AF52A9TCY | |
| | STM8AF52A9TDY | |
| | STM8AF6269TAY | |



Public Products List

Public 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 : ST Muar (Malaysia) Additional capacity through High Density Matrix Leadframe for STM8A AUTOMOTIVE listed products in LQFP 64 10x10 package

PCN Reference : MDG/22/13076

Subject : Public Products List

Dear Customer,

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

| | | |
|---------------|---------------|---------------|
| STM8AF5269TAY | STM8AF6289TCX | STM8AF52A9TDY |
| STM8AF5289TCX | STM8AF6289TCY | STM8AF62A9TCY |
| STM8AF6269TCX | STM8AF52A9TCY | STM8AF6289TAY |
| STM8AF5269TAX | STM8AF62A9TDY | STM8AF6269TCY |
| STM8AF5289TCY | STM8AF6269TAY | STM8AF5289TAY |
| STM8AF52A9TCX | STM8AF52A9TAY | STM8AF62A9TCX |



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