

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|-----------------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | AMS/19/11334 | |
| 1.3 Title of PCN | Transfer of the Assembly and Test & Finishing from ST Bouskoura to ST Shenzhen for Automotive Grade products assembled in SO16 packages | |
| 1.4 Product Category | Logic products in Automotive grade version in SO16 package | |
| 1.5 Issue date | 2019-03-19 | |

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 | Lorenzo NASO |
| 2.1.2 Marketing Manager | Marcello SAN BIAGIO |
| 2.1.3 Quality Manager | Jean-Marc BUGNARD |

3. Change

| | | |
|---------------------|---|-----------------------------------|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| Transfer | Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617) | ST Shenzhen |

4. Description of change

| | | |
|--|--|---|
| | Old | New |
| 4.1 Description | Assembly and Test & Finishing : ST Bouskoura | Assembly and Test & Finishing : ST Shenzhen |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact | |

5. Reason / motivation for change

| | |
|-----------------------------|---|
| 5.1 Motivation | Capacity rationalization to improve delivery service. |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT |

6. Marking of parts / traceability of change

| | |
|------------------------|--|
| 6.1 Description | - New finished good codes - Label on the package : Assembly plant code will be changed from CZ (Bouskoura) to GK (Shenzhen) |
|------------------------|--|

7. Timing / schedule

| | |
|--|--------------|
| 7.1 Date of qualification results | 2019-01-24 |
| 7.2 Intended start of delivery | 2019-09-15 |
| 7.3 Qualification sample available? | Upon Request |

8. Qualification / Validation

| | | | |
|---|---|-------------------|------------|
| 8.1 Description | 11334 New_Reliability_Report_SO16SHZ auto.pdf | | |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2019-03-19 |

9. Attachments (additional documentations)

11334 Public product.pdf
11334 New_Reliability_Report_SO16SHZ auto.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 |
| | HCF4010YM013TR | |
| | HCF4021YM013TR | |
| | HCF4051YM013TR | |
| | HCF4060YM013TR | |
| | HCF4094YM013TR | |
| | M74HC4060YRM13TR | |
| | M74HC4094YRM13TR | |
| | M74HC4851YRM13TR | |
| | M74HC4852YRM13TR | |
| | M74HC595YRM13TR | |



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 : Transfer of the Assembly and Test & Finishing from
ST Bouskoura to ST Shenzhen for Automotive Grade products assembled in SO16 packages

PCN Reference : AMS/19/11334

Subject : Public Products List

Dear Customer,

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

| | | |
|------------------|------------------|------------------|
| HCF4060YM013TR | M74HC4094YRM13TR | HCF4010YM013TR |
| M74HC4060YRM13TR | M74HC595YRM13TR | HCF4094YM013TR |
| HCF4051YM013TR | HCF4021YM013TR | M74HC4851YRM13TR |
| M74HC4852YRM13TR | | |



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