

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|----------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | MDG/17/10471 | |
| 1.3 Title of PCN | Change wire from Silver to Gold for products in UFQFPN 4x4 package at Stats ChipPAC Jiangyin China (JSCC) | |
| 1.4 Product Category | All products in Cheap On Lead (COL) UFQFPN 4x4 package | |
| 1.5 Issue date | 2017-10-03 | |

2. PCN Team

| | |
|---------------------------|-----------------------|
| 2.1 Contact supplier | |
| 2.1.1 Name | FRANK WOLINSKI |
| 2.1.2 Phone | +49 89460062287 |
| 2.1.3 Email | frank.wolinski@st.com |
| 2.2 Change responsibility | |
| 2.2.1 Product Manager | Michel BUFFA |
| 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 (same supplier, different supplier or new supplier), lead frame, resin, wire, ...) | Stats ChipPAC Jiangyin China (JSCC) |

4. Description of change

| | | |
|---|---------------------------|---------------------|
| | Old | New |
| 4.1 Description | - wire : 0.8 mil 96.5% Ag | - wire : 0.8 mil Au |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | no change | |

5. Reason / motivation for change

| | |
|----------------------|---|
| 5.1 Motivation | Due to the high ratio of customers requesting to stay on gold wire for Cheap On Lead (COL) UFQFPN 4x4 package, MCD division decided to continue producing gold wire for this specific package at Stats ChipPAC Jiangyin China (JSCC). |
| 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. No change on the marking. |
|-----------------|--|

7. Timing / schedule

| | |
|-------------------------------------|----------------|
| 7.1 Date of qualification results | 2017-10-03 |
| 7.2 Intended start of delivery | 2017-10-09 |
| 7.3 Qualification sample available? | Not Applicable |

8. Qualification / Validation

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

9. Attachments (additional documentations)

10471 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 |
| | STM32F031G6U6 | |
| | STM8L151G4U6 | |
| | STM8L151G4U6TR | |

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved



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 : Change wire from Silver to Gold for products in UFQFPN 4x4 package at Stats ChipPAC Jiangyin China (JSCC)

PCN Reference : MDG/17/10471

Subject : Public Products List

Dear Customer,

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

| | | |
|------------------|------------------|-----------------|
| STM32L041G6U6STR | STM32L031G6U7STR | STM32F031G6U6TR |
| STM32L011G4U6TR | STM32F031G6U7 | STM32L011G4U6 |
| STM8L151G6U3 | STM32F031G4U6 | STM8L151G6U3TR |
| STM32F031G6U6 | STM32F048G6U6 | STM32F031G4U6TR |
| STM8L151G6U6TR | STM32F042G4U6 | STM32F031G6U7TR |
| STM8L151G6U6 | STM8L151G6U7 | STM8L151G4U6TR |
| STM32F042G6U6 | STM32L031G6U6TR | STM8L151G4U6 |
| STM32L011G3U6 | STM32F031G4U7 | STM32F031G4U7TR |
| STM8L101G3U6A | STM32L011G3U7 | STM8L151G3U3 |
| STM8L101G3U6 | STM32L031G6U6 | STM8L101G3U6TR |
| STM32L041G6U7 | STM8L151G4U3 | STM8L151G2U6 |
| STM32F038G6U6 | STM32L031G4U6 | STM32L021G4U6 |
| STM8L151G3U6TR | STM8L151G6U7TR | STM8L151G3U6 |
| STM32L031G6U7 | STM32F042G4U6TR | |



IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.