


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |                                      | STMicroelectronics International N.V |
| <b>1.2 PCN No.</b>          | ADG/18/11215  |                                      |
| <b>1.3 Title of PCN</b>     | SO-20 Products (Gold wire): Migration to SO20 IDF (Inter Digit Frame) line with new BOM and matte Tin plating process |                                      |
| <b>1.4 Product Category</b> | see list  |                                      |
| <b>1.5 Issue date</b>       | 2018-12-05  |                                      |

**2. PCN Team**

|                                  |   |
|----------------------------------|---|
| <b>2.1 Contact supplier</b>      |   |
| <b>2.1.1 Name</b>                | MARCELI SMIALKOWSKI                                       |
| <b>2.1.2 Phone</b>               | +44 1628896277  |
| <b>2.1.3 Email</b>               | marceli.smialkowski@st.com                                |
| <b>2.2 Change responsibility</b> |   |
| <b>2.2.1 Product Manager</b>     | Elena Maria PERNIGOTTI,Giovanni FOLETTTO,Antonio RADAELLI |
| <b>2.1.2 Marketing Manager</b>   | Alberto DA DALT,Emanuela VIZZI                            |
| <b>2.1.3 Quality Manager</b>     | Marcello Donato MENCHISE                                  |

**3. Change**

|                     |  |                                   |
|---------------------|--|-----------------------------------|
| <b>3.1 Category</b> | <b>3.2 Type of change</b>  | <b>3.3 Manufacturing Location</b> |
| Materials           | New direct material part number (same supplier, different supplier or new supplier),<br>Lead frame base material | ST Muar                           |

**4. Description of change**

|  |   |   |
|--|---|---|
|  | <b>Old</b>  | <b>New</b>  |
| <b>4.1 Description</b>   | Current Bill Of Materials (See details in the included validation report) | New Bill Of Materials (See details in the included validation report) |
| <b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b> | No Impact   |   |

**5. Reason / motivation for change**

|                             |                    |
|-----------------------------|--------------------|
| <b>5.1 Motivation</b>       | Company Road Map   |
| <b>5.2 Customer Benefit</b> | SERVICE CONTINUITY |

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

|                        |                               |
|------------------------|-------------------------------|
| <b>6.1 Description</b> | Dedicated Finished Good Codes |
|------------------------|-------------------------------|

**7. Timing / schedule**

|  |              |
|--|--------------|
| <b>7.1 Date of qualification results</b>   | 2018-11-14   |
| <b>7.2 Intended start of delivery</b>      | 2019-02-28   |
| <b>7.3 Qualification sample available?</b> | Upon Request |

**8. Qualification / Validation**

|   |                              |                   |            |
|---|------------------------------|-------------------|------------|
| <b>8.1 Description</b>                                    | 11215 Validation S020IDF.pdf |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment)   | <b>Issue Date</b> | 2018-12-05 |

**9. Attachments (additional documentations)**

11215 Public product.pdf  
11215 Validation S020IDF.pdf  
11215 Details.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  |
|                         | L9333MD-TR              |                          |

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, 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.

© 2018 STMicroelectronics – All rights reserved