


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|----------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | ADG/19/11529 | |
| 1.3 Title of PCN | Mold compound replacement for TO220 automotive | |
| 1.4 Product Category | Automotive rectifiers in TO220 package. STPSxxxY, STPSCxxxY, STTHxxxY, STBRxxxY series. | |
| 1.5 Issue date | 2019-05-10 | |

2. PCN Team

| | |
|----------------------------------|----------------------|
| 2.1 Contact supplier | |
| 2.1.1 Name | MARSHALL DAVE |
| 2.1.2 Phone | |
| 2.1.3 Email | dave.marshall@st.com |
| 2.2 Change responsibility | |
| 2.2.1 Product Manager | Richard RENARD |
| 2.1.2 Marketing Manager | Philippe LEGER |
| 2.1.3 Quality Manager | Jean-Paul REBRASSE |

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), Mold compound | ST assy site in China |

4. Description of change

| | | |
|---|---|--|
| | Old | New |
| 4.1 Description | Samsung SDI product termination of the following references of molding compound for through hole packages | Replacement of current mold compounds with alternative material. ST is already proceeding with new resins evaluation and qualification, to guarantee adequate products continuity. |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | no | |

5. Reason / motivation for change

| | |
|----------------------|---|
| 5.1 Motivation | Product discontinuance from current supplier. |
| 5.2 Customer Benefit | SERVICE CONTINUITY |

6. Marking of parts / traceability of change

| | |
|-----------------|-------------------------------------|
| 6.1 Description | internal codification and QA number |
|-----------------|-------------------------------------|

7. Timing / schedule

| | |
|-------------------------------------|--------------|
| 7.1 Date of qualification results | 2019-08-29 |
| 7.2 Intended start of delivery | 2019-12-13 |
| 7.3 Qualification sample available? | Upon Request |

8. Qualification / Validation

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

9. Attachments (additional documentations)

11529 Public product.pdf
11529 PCN-TO220 automotive.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 |
| 2987012 | STPSC10C065RY | |
| 2723359 | STPSC20H12DY | |
| 2851914 | STPSC8065DY | |

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