PRODUCT / PROCESS CHANGE NOTIFICATION

| 1. PCN basic data | | |
|----------------------|------------|---|
| 1.1 Company | 577 | STMicroelectronics International N.V |
| 1.2 PCN No. | | IPG/14/9014 |
| 1.3 Title of PCN | | Qualification of a second assembly plant for Protection devices HSP051-4M10 and HSP061-4M10 |
| 1.4 Product Category | | Protection devices HSP051-4M10 and HSP061-4M10 |
| 1.5 Issue date | | 2014-12-10 |

| 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 | Christian NOPPER | |
| 2.1.2 Marketing Manager | Eric PARIS | |
| 2.1.3 Quality Manager | Jean-Paul REBRASSE | |

| 3. Change | | |
|--------------|--------------------|------------------------------|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| Machines | (Not Defined) | subcontractor in Philippines |

| 4. Description of change | | |
|---|---|-----|
| | Old | New |
| 4.1 Description | STMicroelectronics decided to expand the manufacturing capacity of its Protection devices HSP051-4M10 and HSP061-4M10 with one additional assembly and test subcontractor in Philippines. | N/A |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | The changed products do not present modified electrical, dimensional or thermal parameters, leaving unchanged the current information published in the product datasheet | |

| 5. Reason / motivation for change | | |
|-----------------------------------|--|--|
| | This additional multi-sourcing will increase our manufacturing capacity for a better service on the considered Protection devices. | |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT | |

| 6. Marking of parts / traceability of change | |
|--|---|
| 6.1 Description | marking of the components and QA number |

| 7. Timing / schedule | | |
|-------------------------------------|--------------|--|
| 7.1 Date of qualification results | 2014-11-28 | |
| 7.2 Intended start of delivery | 2015-02-28 | |
| 7.3 Qualification sample available? | Upon Request | |

| 8. Qualification / Validation | | | |
|--|--|---------------|--|
| 8.1 Description | | | |
| 8.2 Qualification report and qualification results | | Issue Date | |

| 9. Attachments (additional | locumentations) |
|--|-----------------|
| 9014PpPrdtLst.pdf PCN-HSP_Amkor.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 |
| | HSP051-4M10 | |
| | HSP061-4M10 | |

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