PRODUCT / PROCESS CHANGE NOTIFICATION

| 1. PCN basic data | | |
|----------------------|--|--|
| 1.1 Company | | STMicroelectronics International N.V |
| 1.2 PCN No. | | AMG/17/10123 |
| 1.3 Title of PCN | | Additional wafer fab in ST Ang Mo Kio (Singapore) for VIPOWER M02 products |
| 1.4 Product Category | | VIPOWER M02 (VN33, VN34 and VN54) |
| 1.5 Issue date | | 2017-03-14 |

| 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 | Antonino MOTTA | |
| 2.1.2 Marketing Manager | Fulvio PULICELLI | |
| 2.1.3 Quality Manager | Alessandro PLATINI | |

| 3. Change | | |
|---|------------------------|--|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| Transfer of a full process or process brick (process step, control plan, recipes) from one site to another site | Wafer fabrication site | St Catania (Italy) + ST Ang Mo Kio (Singapore) |

| 4. Description of change | | |
|---|---|---|
| | Old | New |
| 4.1 Description | Wafer fab in ST Catania (Italy) for VIPOWER M02. | Wafer fab in ST Catania (Italy) for VIPOWER M02 and ST Ang Mo Kio (Singapore). Catania Wafer fab will stop the production of VIPOWER M02 from end of 2017. Product Data Sheet review maintenance (see attachment). |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | it, No impact | |

| 5. Reason / motivation for change | | |
|-----------------------------------|--|--|
| | ST Ang Mo Kio will be validated as an additional wafer fab for VIPOWER M02 products in order to provide more flexibility in term of production and prepare the termination of the production of these products in ST Catania (Italy) from end of 2017. | |
| 5.2 Customer Benefit | MANUFACTURING FLEXIBILITY | |

| 6. Marking of parts / traceability of change | | |
|--|-------------------------|--|
| 6.1 Description | New Finished Good codes | |

| 7. Timing / schedule | | |
|-------------------------------------|--------------|--|
| 7.1 Date of qualification results | 2017-04-30 | |
| 7.2 Intended start of delivery | 2017-05-31 | |
| 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)

10123 Public product.pdf 10123 10123 _ Viper tranfer to AMK6.zip

| 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 | |
| VN330SP-E | VN330SP-E | | |

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