PRODUCT / PROCESS CHANGE NOTIFICATION

| 1. PCN basic data | | | |
|----------------------|--|---|--|
| 1.1 Company | | STMicroelectronics International N.V | |
| 1.2 PCN No. | | AMS/18/10892 | |
| 1.3 Title of PCN | | Qualification of subcontractor TSHT (China) as additional assembly plant for selected products of General Purpose Analog Division in SO8 package. | |
| 1.4 Product Category | | See product list | |
| 1.5 Issue date | | 2018-05-24 | |

| 2. PCN Team | | |
|---------------------------|----------------------------|--|
| 2.1 Contact supplier | | |
| 2.1.1 Name | MARCELI SMIALKOWSKI | |
| 2.1.2 Phone | +44 1628896277 | |
| 2.1.3 Email | marceli.smialkowski@st.com | |
| 2.2 Change responsibility | | |
| 2.2.1 Product Manager | Lorenzo NASO | |
| 2.1.2 Marketing Manager | Marcello SAN BIAGIO | |
| 2.1.3 Quality Manager | Jean-Marc BUGNARD | |

| 3. Change | | | |
|--------------|---|----------------------------|--|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location | |
| | Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617) | Subcontractor TSHT (China) | |

| 4. Description of change | | | |
|---|---|--|--|
| Old New | | | |
| 4.1 Description | Assembly : - ST Bouskoura (Morocco) - ST Shenzhen (China) | Assembly : - ST Bouskoura (Morocco) - ST Shenzhen (China) - Subcontractor TSHT (China) | |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No impact | | |

| 5. Reason / motivation for change | | |
|-----------------------------------|--|--|
| | The purpose of this change is to improve the rationalization of our manufacturing assets, provide a better support to our customers by enhancing the manufacturing process for higher volume production. | |
| 5.2 Customer Benefit | SERVICE IMPROVEMENT | |

| 6. Marking of parts / traceability of change | | |
|--|-------------------------|--|
| 6.1 Description | New finished good codes | |

| 7. Timing / schedule | |
|-------------------------------------|--------------|
| 7.1 Date of qualification results | 2018-05-14 |
| 7.2 Intended start of delivery | 2018-08-20 |
| 7.3 Qualification sample available? | Upon Request |

| 8. Qualification / Validation | | | |
|--|--|------------|--|
| 3.1 Description 10892 ExternalReliabilityEvaluationReport_TSHT-LP.pdf | | | |
| 8.2 Qualification report and qualification results Available (see attachment) Issue Date 2018-05-24 | | 2018-05-24 | |

9. Attachments (additional documentations)

10892 Public product.pdf 10892 ExternalReliabilityEvaluationReport_TSHT-LP.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 | |
| | L78L05ACD13TR | | |
| | L78L33ABD-TR | | |
| | TS922IDT | | |
| | L78L05ABD13TR | | |
| | LE50ABD-TR | | |
| | LE50CD-TR | | |
| | LM317LD13TR | | |

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Public Products List

Publict 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: Qualification of subcontractor TSHT (China) as additional assembly plant for selected products of General Purpose

Analog Division in SO8 package. **PCN Reference**: AMS/18/10892

Subject: Public Products List

Dear Customer,

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

| L79L15ABD13TR | LF351D | LF353DT |
|---------------|---------------|---------------|
| LM833DT | L78L09CD13TR | L78L09ACD13TR |
| L78L09ABD13TR | TJM4558CDT | TL082CD |
| TL062CDT | L78L33CD-TR | LE50ABD-TR |
| L78L12CD13TR | L78L24CD-TR | LF253DT |
| TL082CDT | L78L15CD-TR | TL072CD |
| TS952IDT | LE50CD-TR | MC4558CDT |
| MC4558IDT | LE30CD-TR | L78L06ACD13TR |
| LF351DT | L79L05ABD13TR | L78L05CD13TR |
| LM2931AD33R | TL062CD | LD1117D33CTR |
| TL072CDT | TL071CDT | TS922ID |
| L78L33ABD-TR | LE80CD-TR | TS922IDT |
| TL061CDT | LD1117D33TR | LE45CD-TR |
| L78L12ACD13TR | TL081CDT | L78L05ACD13TR |
| L78L08CD13TR | L79L05ACD13TR | L78L12ABD-TR |
| L79L12ACD13TR | L78L05ABD13TR | LM2931D-R |
| L78L15ACD13TR | LE33CD-TR | L78L33ACD13TR |
| L78L18CD13TR | L78L08ABD13TR | L79L08ACD13TR |
| LM2931AD50R | LM317LD13TR | LM217LD13TR |
| L78L08ACD13TR | L79L15ACD13TR | |

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