


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/18/10617	
1.3 Title of PCN	Linear Voltage Regulators: HBIP40 Technology Introduction for the 5V and 3.3V Output Voltage versions of the L78L Product Family	
1.4 Product Category	See product list	
1.5 Issue date	2018-02-09	

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	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
Wafer Fab (Equipment)	New equipment changing process technique or using different technology	Front end : ST Singapore (Ang Mo Kio)

4. Description of change

	Old	New
4.1 Description	LAAT Technology	HBIP40 Technology
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No changes in term of Quality and Reliability. Negligible changes in the Electrical Characteristics (see Revision 26 of Datasheet).	

5. Reason / motivation for change

5.1 Motivation	Progressing on the activities related to a continuous improvement philosophy, a more fine Geometry Bipolar Technology called HBIP40 has been also qualified for the L78L product family. Only the 5V and 3.3V Output Voltage versions have been involved. This PCN is an extension of the PCN9952 already released in November 2016.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	The traceability of the HBIP40 Technology parts will be ensured by different internal codification and QA number
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7. Timing / schedule

7.1 Date of qualification results	2017-12-07
7.2 Intended start of delivery	2018-05-05
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	10617 329-W-17- LA05 - L78L05ABZ in TO92 (Ase Weihai Subcontractor).pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-02-09

9. Attachments (additional documentations)

10617 Public product.pdf
10617 329-W-17- LA05 - L78L05ABZ in TO92 (Ase Weihai Subcontractor).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
L78L33ABZ-AP	L78L33ABZ-AP	
L78L33ACZ	L78L33ACZ	
L78L33ACZ-AP	L78L33ACZ-AP	
L78L33ACZTR	L78L33ACZTR	

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Public Products List

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PCN Title : Linear Voltage Regulators: HBIP40 Technology Introduction for the 5V and 3.3V Output Voltage versions of the L78L Product Family

PCN Reference : AMG/18/10617

Subject : Public Products List

Dear Customer,

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

L78L33ACZ-AP	L78L33ACZ	L78L33ACZTR
L78L33ABZ-AP		



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