

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/16/9952	
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	2016-11-04	

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	Vito RUGGIRELLO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
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.
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	2016-10-03
7.2 Intended start of delivery	2017-01-30
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	REL-6088-W-058-16 LAxx - L78Lxx Qualifica New Die HBIP40.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-11-04

9. Attachments (additional documentations)

9952PpPrdtLst.pdf
REL-6088-W-058-16 LAxx - L78Lxx Qualifica New Die HBIP40.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
497-1180-2-ND	L78L05ABD13TR	
L78L05ABD13TR	L78L05ABD13TR	
497-1181-2-ND	L78L05ABUTR	
L78L05ABUTR	L78L05ABUTR	
497-1009-ND	L78L05ABZ	
L78L05ABZ	L78L05ABZ	
L78L05ABZ-AP	L78L05ABZ-AP	
L78L05ABZ-TR	L78L05ABZ-TR	
L78L05ACD13TR	L78L05ACD13TR	
497-1183-2-ND	L78L05ACUTR	
L78L05ACUTR	L78L05ACUTR	
497-2952-5-ND	L78L05ACZ	
L78L05ACZ	L78L05ACZ	
L78L05ACZ-AP	L78L05ACZ-AP	
L78L05ACZTR	L78L05ACZTR	
L78L05CD13TR	L78L05CD13TR	
L78L33ABD-TR	L78L33ABD-TR	
L78L33ABUTR	L78L33ABUTR	
497-1200-2-ND	L78L33ACUTR	
L78L33ACUTR	L78L33ACUTR	
L78L33CD-TR	L78L33CD-TR	



Public Products List

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/16/9952

PCN Created on : 03-Oct-2016

Subject : Public Products List

Dear Customer,

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

L78L05ABZ-AP	L78L05ACD13TR	L78L05CD13TR
L78L05ACUTR	L78L05ACZ-AP	L78L05ABZ-TR
L78L05ABZ	L78L33CD-TR	L78L05ACZ
L78L05CZ	L78L33ACUTR	L78L33ABUTR
L78L05ACZTR	L78L05ABD13TR	L78L05ABUTR
L78L33ABD-TR		



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