


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	IPD/15/9476	
1.3 Title of PCN	Introduction of Junction Capacity for L78 Standard Voltage Regulator Family in HBIP40 Technology	
1.4 Product Category	Standard Voltage Regulators	
1.5 Issue date	2015-11-05	

## 2. PCN Team

2.1 Contact supplier	
2.1.1 Name	SETTLES JEFF
2.1.2 Phone	+44 1628896222
2.1.3 Email	jeff.settles@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Lorenzo NASO
2.1.2 Marketing Manager	Antonio RIVIERA
2.1.3 Quality Manager	Paolo MORETTI

## 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Die redesign	Active element design change with no product functionality or reliability impact	AMK Singapore

## 4. Description of change

	Old	New
4.1 Description	HBIP40 Technology	HBIP40 Technology with Junction Capacitor
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Quality improvement. No changes of the Electrical Characteristics.	

## 5. Reason / motivation for change

5.1 Motivation	Following Divisional Commitments towards a continuous improvement philosophy, we have replaced the old Oxide Capacitor structure with the new integrated Junction Capacitor, as a consequence of an improved product quality.
5.2 Customer Benefit	QUALITY IMPROVEMENT

## 6. Marking of parts / traceability of change

6.1 Description	The traceability of the parts assembled in the new subcontractor will be ensured by different internal codification and QA number.
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## 7. Timing / schedule

7.1 Date of qualification results	2015-10-26
7.2 Intended start of delivery	2016-01-26
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	REL-6088-79-W-15-LX0501-L7805CV-TO220.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-11-05

9. Attachments (additional documentations)		
9476PpPrdtLst.pdf REL-6088-79-W-15-LX0501-L7805CV-TO220.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
	L7805CV	
	L7805ACD2T-TR	

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