


# PRODUCT / PROCESS CHANGE NOTIFICATION

## 1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	IPD/15/9179	
1.3 Title of PCN	L4984D (Product Line UE41) : Metal mask modification	
1.4 Product Category	L4984D and L4984DTR (CCM PFC controller)	
1.5 Issue date	2015-04-27	

## 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	Francesca Marta SANDRINI
2.1.2 Marketing Manager	Vincenzo MONTEMEZZO
2.1.3 Quality Manager	Paolo MORETTI

## 3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Die redesign	Functional / pin layout change	Ang Mo Kio, Singapore

## 4. Description of change

	Old	New
4.1 Description	Current silicon version is UE41AC6	New silicon version is UE41AD6
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

## 5. Reason / motivation for change

5.1 Motivation	For designs that do not use a Start up network with external mosfet, there could be a potential risk of misbehavior of the device. In order to prevent this problem, the UVLO block has been changed so as to provide a stable Supply Current before Start up from zero to the Vcc Turn-on threshold.
5.2 Customer Benefit	QUALITY IMPROVEMENT

## 6. Marking of parts / traceability of change

6.1 Description	This modification will be identified by a new internal part number : L4984D-3/ L4984DTR-3/
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## 7. Timing / schedule

7.1 Date of qualification results	2015-04-01
7.2 Intended start of delivery	2015-10-01
7.3 Qualification sample available?	Upon Request

## 8. Qualification / Validation

8.1 Description	UE41 Reliability Report.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2015-04-27

9. Attachments (additional documentations)		
9179PpPrdtLst.pdf UE41 Reliability Report.pdf L4984D-3 VERIFICATION BY APPLICATION TEAM.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
	L4984D	
	L4984DTR	

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