

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
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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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