


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/21/12663	
1.3 Title of PCN	Power Management BU: ST1PS01 datasheet modification	
1.4 Product Category	See product list	
1.5 Issue date	2021-09-22	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
<b>2.2 Change responsibility</b>	
2.2.1 Product Manager	Marcello SAN BIAGIO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Giuseppe LISI

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
General (Test Program)	SBL or PAT criteria or Scrap limit relaxation in case initially agreed with the customer	Final test : ST Shenzhen

**4. Description of change**

	<b>Old</b>	<b>New</b>
4.1 Description	Electrical Parameter ILIM1   a) High-side MOSFET switch current limit:580mA (min),700mA(typ),820mA(MAX) b) Low-side MOSFET switch current limit: 500mA(typ)	Electrical Parameter ILIM1   High-side MOSFET switch current limit: 500mA(min), 1150mA(MAX)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Yield Improvements. No impact on Quality and Reliability Characteristics on final product	

**5. Reason / motivation for change**

5.1 Motivation	Following Divisional Commitments towards a continuous improvement philosophy, the Power Management BU implemented electrical specification changes on ST1PS01 product. In particular ILIM1 values range have been modified as follow ILIM1: 500mA(min), 1150mA(MAX). This is translated in a better service and an augmented product quality.
5.2 Customer Benefit	SERVICE IMPROVEMENT

**6. Marking of parts / traceability of change**

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

7.1 Date of qualification results	2021-09-05
7.2 Intended start of delivery	2021-12-20
7.3 Qualification sample available?	Upon Request

**8. Qualification / Validation**

8.1 Description	12663 W6337_381-18- ST1PS01-UBA5_Flip_Chip_1000h.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	<b>Issue Date</b>	2021-09-22

**9. Attachments (additional documentations)**

12663 Public product.pdf  
12663 W6337\_381-18- ST1PS01-UBA5\_Flip\_Chip\_1000h.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	ST1PS01AJR	
	ST1PS01DJR	
	ST1PS01EJR	

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