

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.		ADG/20/12232
1.3 Title of PCI		Orientation of PowerFLATTM 8X8 HV Package in carrier tape & Datasheet update
1.4 Product Category		Power MOSFET
1.5 Issue date		2020-06-30

2. PCI 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	Maurizio GIUDICE
2.1.2 Marketing Manager	Anna MOTTESE
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New direct material part number (same supplier, different supplier or new supplier), Lead frame base material	ASE-WEIHAI (China) and CARSEM (Malaysia)

4. Description of change

	Old	New
4.1 Description	PowerFLATTM 8X8 HV packed in carrier tape with reference to the pin positioned at the top left.	PowerFLATTM 8X8 HV packed in carrier tape with reference to the pin positioned at the top right.
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	in order to be aligned to the JEDEC/EIA specification.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	by Q.A. number
-----------------	----------------

7. Timing / schedule

7.1 Date of qualification results	2020-06-29
7.2 Intended start of delivery	2020-07-29
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description		
8.2 Qualification report and qualification results	In progress	Issue Date

9. Attachments (additional documentations)

12232 Public product.pdf

12232 Orientation of PowerFLATTM 8X8 HV in carrier tape.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
	STL13NM60N	
	STL17N65M5	
	STL19N60DM2	
	STL19N65M5	
	STL22N65M5	
	STL24N60DM2	
	STL24N60M2	
	STL24N65M2	
	STL25N60M2-EP	
	STL26NM60N	
	STL28N60DM2	
	STL31N65M5	
	STL33N60DM2	
	STL36N55M5	
	STL38N65M5	
	STL57N65M5	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved

Automotive and Discrete Group (ADG)
Power Transistor MACRO-Division
HV Business Unit

CUSTOMER NOTIFICATION
Orientation of PowerFLAT™ 8X8 HV Package in carrier tape
Datasheet update

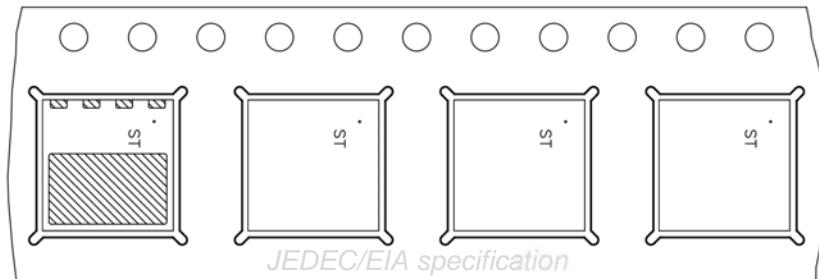
INVOLVED PRODUCT: **See involved products**

Dear valued Customer,

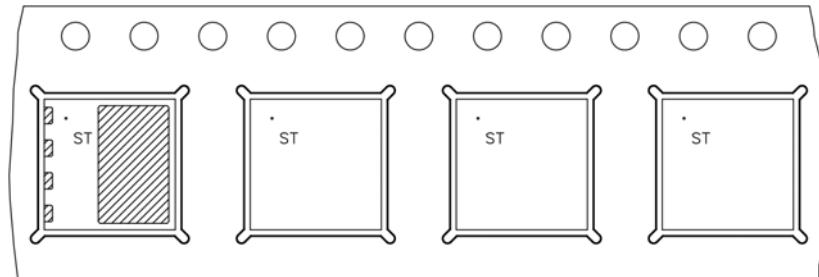
Purpose of the current notification is to inform you that we are going to update the PowerFLAT™ 8x8 HV package orientation in carrier tape. The change will be reported also into the relative datasheets.

This change has been done according to the JEDEC/EIA specification. The new package orientation in carrier tape will be as follows:

NEW PowerFLAT™ 8X8 HV top right Package orientation in carrier tape



Current PowerFLAT™ 8X8 HV top left Package orientation in carrier tape



ST guarantees that the above changes have no impact on electrical, visual and mechanical parameters.

Please do not hesitate to contact us for any questions or concerns.

Yours faithfully.



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCI Title : Orientation of PowerFLATTM 8X8 HV Package in carrier tape & Datasheet update

PCI Reference : ADG/20/12232

Subject : Public Products List

Dear Customer,

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

STL57N65M5	STL24N60DM2	STL24N65M2
STL19N60DM2	STL38N65M5	STL21N65M5
STL26NM60N	STL36N60DM6	STL42N65M5
STL25N60M2-EP	STL33N60DM2	STL17N65M5
STL19N65M5	STL36N55M5	STL13NM60N
STL22N65M5	STL31N65M5	STL24N60M2
STL28N60DM2		



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved