

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/20/12290	
1.3 Title of PCN	PowerFlat™ 8L 5x6: LeadFrame Migration from Etched to Stamped (Auto and Industrial products - replace previous PCN 10736)	
1.4 Product Category	see list	
1.5 Issue date	2020-09-09	

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	Mario ASTUTI
2.1.2 Marketing Manager	Michele SCUTO
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 r (same supplier, different supplier or new supplier),(Lead frame dimensions)	ST Assembly Plant Shenzhen - China

4. Description of change

	Old	New
4.1 Description	Leadframe Etched Supplier manufacturing Location Japan	Leadframe Stamped Supplier manufacturing Location Malaysia
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Form impacted as described in the communication attachment	

5. Reason / motivation for change

5.1 Motivation	Malesian Supplier SH Electronics (MSHE) has released a PTN about PowerFlat™ 8L 5x6 matrix frame in order to armonize their production flow
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
------------------------	-------------------------------

7. Timing / schedule

7.1 Date of qualification results	2020-08-03
7.2 Intended start of delivery	2020-11-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12290 Validation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-09-09

9. Attachments (additional documentations)

12290 Public product.pdf
12290 Validation.pdf
12290 Details.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
	STL100N10F7	
	STL12P6F6	
	STL30N10F7	
	STL40N75LF3	
	STL45N10F7AG	
	STL58N3LLH5	
	STL60N10F7	
	STL7N6LF3	
	STL86N3LLH6AG	
	STL8N10LF3	
	STL8N6LF6AG	
	STL92N10F7AG	

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



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

PCN Title : PowerFlat™ 8L 5x6: LeadFrame Migration from Etched to Stamped (Auto and Industrial products - replace previous PCN 10736)

PCN Reference : ADG/20/12290

Subject : Public Products List

Dear Customer,

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

STL12P6F6	STL8N6LF6AG	STL58N3LLH5
STL19N3LLH6AG	STL30N10F7	STL8N10LF3
STL86N3LLH6AG	STL100N10F7	STL60N10F7
STL40N75LF3	STL7N6LF3	STL45N10F7AG
STL45P3LLH6	STL92N10F7AG	



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.