


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	AMS/20/11950	
<b>1.3 Title of PCN</b>	Qualification of a new plating process for selected products in TO220 package	
<b>1.4 Product Category</b>	See product list	
<b>1.5 Issue date</b>	2020-02-17	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Marcello SAN BIAGIO
<b>2.1.2 Marketing Manager</b>	Salvatore DI VINCENZO
<b>2.1.3 Quality Manager</b>	Sergio Tommaso SPAMPINATO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Transfer	Line transfer for a full process or process brick (process step, control plan, recipes) from one site to another site: Assembly site (SOP 2617)	Assembly : ST SHENZHEN (CHINA)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Plating process: Plating in house on Jettech MC with ROMAN HAAS and ATOTECH chemical	Plating process: Plating outsourcing on AEM MC with local (SYUNDAI) chemical
<b>4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	The outsourcing of the plating process will help us to improve manufacturing flexibility and provide a better delivery service to our customers.
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

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

<b>6.1 Description</b>	By internal codification and traceability code
------------------------	--

**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2020-01-14
<b>7.2 Intended start of delivery</b>	2020-05-21
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	11950 W943-2020-New plating outsourcing on TO220_XL05_L317.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2020-02-17

**9. Attachments (additional documentations)**

11950 Public product.pdf  
 11950 W943-2020-New plating outsourcing on TO220\_XL05\_L317.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
497-2947-5-ND	L7805ABV	
L7805ABV	L7805ABV	
497-1441-5-ND	L7805ACV	
L7805ACV	L7805ACV	
497-1443-5-ND	L7805CV	
L7805CV	L7805CV	
	L7805CV-DG	
	L7806ABV-DG	
	L7806ACV-DG	
497-1445-5-ND	L7806CV	
L7806CV	L7806CV	
	L7806CV-DG	
L7808ABV	L7808ABV	
	L7808ACV-DG	
497-2949-5-ND	L7808CV	
L7808CV	L7808CV	
	L7809ABV-DG	
497-1448-5-ND	L7809CV	
L7809CV	L7809CV	
L7812ABV	L7812ABV	
497-1450-5-ND	L7812ACV	
L7812ACV	L7812ACV	
497-1452-5-ND	L7812CV	
L7812CV	L7812CV	
	L7812CV-DG	
L7815ABV	L7815ABV	
	L7815ABV-DG	
L7815ACV	L7815ACV	
497-1454-5-ND	L7815CV	
L7815CV	L7815CV	
	L7815CV-DG	
L7818CV	L7818CV	
L7824ABV	L7824ABV	
L7824ACV	L7824ACV	
	L7824ACV-DG	
L7824CV	L7824CV	
	L78M05ABV	
497-2957-5-ND	L78M05CV	
L78M05CV	L78M05CV	
L78M09CV	L78M09CV	
L78M12CV	L78M12CV	
497-2958-5-ND	L78M15CV	
L78M15CV	L78M15CV	
L78M24CV	L78M24CV	

	L78M24CV-DG	
497-1468-5-ND	L78S05CV	
L78S05CV	L78S05CV	
L78S09CV	L78S09CV	
L78S10CV	L78S10CV	
497-1469-5-ND	L78S12CV	
L78S12CV	L78S12CV	
L78S15CV	L78S15CV	
L78S24CV	L78S24CV	
L78S75CV	L78S75CV	
497-1471-5-ND	L7905ACV	
L7905ACV	L7905ACV	
	L7905ACV-DG	
L7905CV	L7905CV	
	L7905CV-DG	
L7908CV	L7908CV	
L7912ACV	L7912ACV	
L7912CV	L7912CV	
L7915ACV	L7915ACV	
497-1478-5-ND	L7915CV	
L7915CV	L7915CV	
497-3413-5-ND	LD1084V	
LD1084V	LD1084V	
	LD1086BV-DG	
LD1117AV33	LD1117AV33	
LD1117V	LD1117V	
LD1117V18	LD1117V18	
497-1491-5-ND	LD1117V33	
LD1117V33	LD1117V33	
	LD1117V33-DG	
497-1492-5-ND	LD1117V33C	
LD1117V33C	LD1117V33C	
LD1117V50	LD1117V50	
	LD1117V50C	
LF33ABV	LF33ABV	
	LF33ABV-DG	
LF33CV	LF33CV	
	LF33CV-DG	
LF50ABV	LF50ABV	
LF50CV	LF50CV	
	LF50CV-DG	
LF60CV	LF60CV	
497-1543-5-ND	LM217T	
LM217T	LM217T	
	LM217T-DG	
	LM317BT	
497-1575-5-ND	LM317T	
LM317T	LM317T	
	LM317T-DG	
LM337SP	LM337SP	

**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** : Qualification of a new plating process for selected products in TO220 package

**PCN Reference** : AMS/20/11950

**Subject** : Public Products List

Dear Customer,

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

L7809ABV	LD1117V	LF33CV-DG
L7815ACV	LM317T	L7805CV
L7812ABV	L7824ABV	LF60CV
L7809CV	L7815CV	L7905CV
L7815CV-DG	L7805ACV	L78M05CV
L7812CV	LD1117V50	L7912CV
LF33ABV	LM217T	L7905ACV-DG
L7824ACV	L78M05ABV	L7808CV
L7915ACV	L7824ACV-DG	LD1117V33C
L78S10CV	L78S05CV	LD1117V33
L78M08CV-DG	L78M05CV-DG	L7812CV-DG
LM317BT	L7815ABV	LF50ABV
L78M15ABV-DG	L7808ACV	L7815ABV-DG
L7805ABV	L7812ACV	LF33CV
LM317T-DG	LF50CV	LD1086BV-DG
LD1117V33-DG	LM337SP	L7805CV-DG
LF33ABV-DG	L7808CV-DG	L7808ACV-DG
L7806CV-DG	L7806ABV	L78M09CV
LD1117V50C	L78S12CV	LD1117AV33
L78M12CV	L7915CV	L78M09CV-DG
LF50CV-DG	L7905ACV	L78S24CV
L78M24CV	L7806CV	L78M15ABV
L7912ACV	L78M24CV-DG	LD1117V18
L7806ABV-DG	L7905CV-DG	L78M15CV-DG
L7818CV	L7806ACV-DG	L78S18CV
L7808ABV	L7809ABV-DG	L78S09CV
L7824CV	LD1084V	L78M15CV
L7908CV	L78S75CV	L78S15CV



### 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.