


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMS/19/11709	
1.3 Title of PCN	New molding compound for TO220 package to replace SAMSUNG SDI under termination phase	
1.4 Product Category	See product list	
1.5 Issue date	2019-09-09	

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	Lorenzo NASO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Sergio Tommaso SPAMPINATO

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), Encapsulation/sealing material	ST SHENZHEN CHINA

4. Description of change

	Old	New
4.1 Description	Molding compound = Samsung (SG-8200DTA and SI-7200DXC)	Molding compound = Replacement of current mold compounds with alternative material from different supplier
4.2 Anticipated Impact on form, fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	As anticipated by ST Corporate PCI No. CRP/19/11478, this PCN to announce the replacement of current Samsung SDI mold compound for TO 220 package assembled in ST SHENZHEN - CHINA Plant with alternative material from different supplier. The changed products do not present modified electrical, dimensional or thermal parameters, leaving unchanged the current information published in the product datasheet. There is no change in the packing modes and the standard delivery quantities either.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	By internal codification and traceability code
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7. Timing / schedule

7.1 Date of qualification results	2019-08-02
7.2 Intended start of delivery	2019-12-03
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11709 W749-2019-XL05-L317-LTAD-LF05_reliability report.pdf
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8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2019-09-09
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9. Attachments (additional documentations)
11709 Public product.pdf 11709 W749-2019-XL05-L317-LTAD-LF05_reliability report.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
497-1404-5-ND	L4940V5	
L4940V5	L4940V5	
L4940V85	L4940V85	
L4941BV	L4941BV	
497-2947-5-ND	L7805ABV	
L7805ABV	L7805ABV	
	L7805ABV-DG	
497-1441-5-ND	L7805ACV	
L7805ACV	L7805ACV	
	L7805ACV-DG	
497-1443-5-ND	L7805CV	
L7805CV	L7805CV	
	L7805CV-DG	
	L7806ABV-DG	
L7806ACV	L7806ACV	
	L7806ACV-DG	
497-1445-5-ND	L7806CV	
L7806CV	L7806CV	
	L7806CV-DG	
L7808ABV	L7808ABV	
	L7808ACV-DG	
497-2949-5-ND	L7808CV	
L7808CV	L7808CV	
	L7809ABV-DG	
L7809ACV	L7809ACV	
497-1448-5-ND	L7809CV	
L7809CV	L7809CV	
	L7809CV-DG	
L7812ABV	L7812ABV	
	L7812ABV-DG	
497-1450-5-ND	L7812ACV	
L7812ACV	L7812ACV	
	L7812ACV-DG	
497-1452-5-ND	L7812CV	
L7812CV	L7812CV	
	L7812CV-DG	
L7815ABV	L7815ABV	
	L7815ABV-DG	
L7815ACV	L7815ACV	
	L7815ACV-DG	
497-1454-5-ND	L7815CV	
L7815CV	L7815CV	

	L7815CV-DG	
L7818CV	L7818CV	
	L7818CV-DG	
L7824ABV	L7824ABV	
	L7824ABV-DG	
L7824ACV	L7824ACV	
	L7824ACV-DG	
L7824CV	L7824CV	
	L7824CV-DG	
L7885CV	L7885CV	
	L78M05ABV	
	L78M05ABV-DG	
497-2957-5-ND	L78M05CV	
L78M05CV	L78M05CV	
L78M12CV	L78M12CV	
	L78M12CV-DG	
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	
	L7908CV-DG	
L7912ACV	L7912ACV	
	L7912ACV-DG	
L7912CV	L7912CV	
L7915ACV	L7915ACV	
	L7915ACV-DG	
497-1478-5-ND	L7915CV	
L7915CV	L7915CV	
	L7915CV-DG	
497-3413-5-ND	LD1084V	
LD1084V	LD1084V	
497-1482-5-ND	LD1085V	
LD1085V	LD1085V	
LD1085V50	LD1085V50	
	LD1086BV-DG	
	LD1086V-DG	

	LD1086V18-DG	
	LD1086V33-DG	
LD1117AV33	LD1117AV33	
LD1117V	LD1117V	
	LD1117V-DG	
LD1117V18	LD1117V18	
497-1491-5-ND	LD1117V33	
LD1117V33	LD1117V33	
	LD1117V33-DG	
497-1492-5-ND	LD1117V33C	
LD1117V33C	LD1117V33C	
	LD1117V33C-DG	
LD1117V50	LD1117V50	
	LD1117V50-DG	
	LD1117V50C	
LF33ABV	LF33ABV	
	LF33ABV-DG	
LF33CV	LF33CV	
	LF33CV-DG	
LF50ABV	LF50ABV	
	LF50ABV-DG	
LF50CV	LF50CV	
	LF50CV-DG	
LF60ABV	LF60ABV	
LF60CV	LF60CV	
LF90CV	LF90CV	
497-1543-5-ND	LM217T	
LM217T	LM217T	
	LM217T-DG	
	LM317BT	
497-1575-5-ND	LM317T	
LM317T	LM317T	
	LM317T-DG	
LM337SP	LM337SP	
PB137ACV	PB137ACV	



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 : New molding compound for TO220 package to replace SAMSUNG SDI under termination phase

PCN Reference : AMS/19/11709

Subject : Public Products List

Dear Customer,

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

L7809ABV	LD1117V	LF33CV-DG
L7805CV	LD1117V-DG	L7805CV-DG
L7815CV-DG	L7812ABV-DG	L7812ABV
L7824ABV	LF60CV	L7815ACV
L7915ACV-DG	LF90CV	LD1086V-DG
L7815ABV-DG	L7809CV	L7815CV
L7905CV	L7805ACV	L78M05CV
L7824CV-DG	LM317T-DG	L7812CV
LD1117V50	L7912CV	LF33ABV
LM217T	L7905ACV-DG	L7824ACV
L7815ACV-DG	L7905CV-DG	L7809ACV
L78M05ABV	L7808CV	L7812ACV-DG
LF60ABV	L7915ACV	PB137ACV
L7824ACV-DG	LD1117V33C	L78S10CV
L78S05CV	LD1117V33	LD1086V33-DG
L4940V85	L78M08CV-DG	L78M05CV-DG
L7912ACV-DG	LM317BT	L7885CV
L7912CV-DG	LD1117V33C-DG	L4940V5
LF50ABV	LD1085V50	L78M15ABV-DG
L7805ABV-DG	L7808ACV	L7812CV-DG
LD1117V50-DG	LD1085V	L7805ABV
LF33CV	L7812ACV	L7805ACV-DG
L7809CV-DG	LD1086BV-DG	L7815ABV
LD1117V33-DG	L4941BV	LM337SP
LF50CV	LF33ABV-DG	L78M08CV
L7808CV-DG	L7808ACV-DG	L7806CV-DG
L7806ABV	L7915CV-DG	L78M09CV
L7818CV-DG	LD1117V50C	L78S12CV
LD1117AV33	L7824ABV-DG	L78M12CV
L7915CV	LM317T	L78M09CV-DG
LF50CV-DG	L7905ACV	L78S24CV
L78M05ABV-DG	L78M24CV	L7806CV
LD1086V18-DG	L78M15ABV	L7912ACV
L7806ACV	L78M24CV-DG	LD1117V18
L7908CV-DG	L7806ABV-DG	L78M15CV-DG
L7818CV	L7806ACV-DG	L78S18CV



Public Products List

L7808ABV	L7809ABV-DG	L78S09CV
L78M12CV-DG	L7824CV	LD1084V
L78M15CV	L7908CV	L78S75CV
L78S15CV	L7808ABV-DG	LF50ABV-DG



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