

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	AMG/16/9855	
1.3 Title of PCN	Linear Voltage Regulators - Back Metal Conversion from Cr/Ni/Au to Cr/Ni/Ag for Bipolar Technology in Ang Mo Kio (Singapore) FE plant	
1.4 Product Category	See product list	
1.5 Issue date	2016-07-27	

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	GOODMAN ROBERT
2.1.2 Phone	+1 6024856271
2.1.3 Email	robert.goodman@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Vito RUGGIRELLO
2.1.2 Marketing Manager	Salvatore DI VINCENZO
2.1.3 Quality Manager	Jean-Marc BUGNARD

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Wafer Fab (Process)	Backside finish modification except for wafer for sale: change in deposition material type/nature or final thickness	Front End plant : ST Ang Mo Kio (Singapore)

4. Description of change

	Old	New
4.1 Description	Cr/Ni/Au 700Å/5000Å /525Å	Cr/Ni/Ag 700Å/5000Å /1500Å
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No changes of the Electrical Characteristics and Quality	

5. Reason / motivation for change

5.1 Motivation	Progressing on the activities related to the manufacturign rationalization, ST is glad to announce the Back Metal Conversion from Cr/Ni/Au to the most common in the market Cr/Ni/Ag in the bipolar technologies. The new process is widely used in our FE AMK plant for other product families (Power MOSFET) for years.
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Traceability code and Q.A. number.
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7. Timing / schedule

7.1 Date of qualification results	2016-06-24
7.2 Intended start of delivery	2016-10-22
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	9855_Qual report.zip		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2016-07-27

9. Attachments (additional documentations)

9855PpPrdtLst.pdf
9855_Qual report.zip

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
KF33BD-TR	KF33BD-TR	
KF33BDT-TR	KF33BDT-TR	
KF50BD-TR	KF50BD-TR	
KF50BDT-TR	KF50BDT-TR	
L4931ABD50-TR	L4931ABD50-TR	
L4931ABDT50-TR	L4931ABDT50-TR	
L4931CDT50-TR	L4931CDT50-TR	
L4931CPT50-TR	L4931CPT50-TR	
L4931CZ50-AP	L4931CZ50-AP	
L4940V5	L4940V5	
L4941BDT-TR	L4941BDT-TR	
L4941BV	L4941BV	
L7805ABD2T-TR	L7805ABD2T-TR	
L7805ABP	L7805ABP	
L7805ACD2T-TR	L7805ACD2T-TR	
L7805ACP	L7805ACP	
L7805ACV	L7805ACV	
L7805CD2T-TR	L7805CD2T-TR	
L7805CDT-TR	L7805CDT-TR	
L7805CV	L7805CV	
	L7805CV-DG	
L7812ABD2T-TR	L7812ABD2T-TR	
L7812ABV	L7812ABV	
L7812ACD2T-TR	L7812ACD2T-TR	
L7812ACV	L7812ACV	
L7812CD2T-TR	L7812CD2T-TR	
	L7812CV-DG	
L7815ABD2T-TR	L7815ABD2T-TR	
L7815ACD2T-TR	L7815ACD2T-TR	
L7815CD2T-TR	L7815CD2T-TR	
	L7815CV-DG	
L7818CV	L7818CV	
	L7818CV-DG	
L7824ACV	L7824ACV	
L7824CD2T-TR	L7824CD2T-TR	
L7824CV	L7824CV	
L78M05ABDT-TR	L78M05ABDT-TR	
L78M05ACDT-TR	L78M05ACDT-TR	
L78M05CDT-TR	L78M05CDT-TR	
L78M05CV	L78M05CV	
L78M09CV	L78M09CV	
L78M12ABDT-TR	L78M12ABDT-TR	
L78M12ACDT-TR	L78M12ACDT-TR	
L78M12CDT-TR	L78M12CDT-TR	

L78M15ABDT-TR	L78M15ABDT-TR	
L78M15CDT-TR	L78M15CDT-TR	
L78M15CV	L78M15CV	
L7905ACD2T-TR	L7905ACD2T-TR	
L7905ACV	L7905ACV	
L7905CD2T-TR	L7905CD2T-TR	
L7905CV	L7905CV	
L7912CD2T-TR	L7912CD2T-TR	
L7912CP	L7912CP	
	L7912CV-DG	
L7915ACV	L7915ACV	
L7915CV	L7915CV	
	L7915CV-DG	
LD1086D2M33TR	LD1086D2M33TR	
LD1086D2MTR	LD1086D2MTR	
LD1086D2T33TR	LD1086D2T33TR	
LD1086D2TTR	LD1086D2TTR	
LD1086DT33TR	LD1086DT33TR	
LD1086DTTR	LD1086DTTR	
LD1117ADT33TR	LD1117ADT33TR	
LD1117AS33TR	LD1117AS33TR	
LD1117D33CTR	LD1117D33CTR	
LD1117DT12TR	LD1117DT12TR	
LD1117DT18CTR	LD1117DT18CTR	
LD1117DT18TR	LD1117DT18TR	
LD1117DT33CTR	LD1117DT33CTR	
LD1117DT33TR	LD1117DT33TR	
LD1117DT50CTR	LD1117DT50CTR	
LD1117DT50TR	LD1117DT50TR	
LD1117DTC-R	LD1117DTC-R	
LD1117DTTR	LD1117DTTR	
	LD1117S12CTR	
LD1117S12TR	LD1117S12TR	
	LD1117S18CTR	
LD1117S18TR	LD1117S18TR	
LD1117S33CTR	LD1117S33CTR	
LD1117S33TR	LD1117S33TR	
LD1117S50CTR	LD1117S50CTR	
LD1117S50TR	LD1117S50TR	
LD1117SC-R	LD1117SC-R	
LD1117STR	LD1117STR	
LD1117V	LD1117V	
LD1117V33	LD1117V33	
LD1117V50	LD1117V50	
LF33ABDT-TR	LF33ABDT-TR	
LF33ABV	LF33ABV	
LF33CDT-TR	LF33CDT-TR	
LF33CPT-TR	LF33CPT-TR	
LF50ABDT-TR	LF50ABDT-TR	
LF50CDT-TR	LF50CDT-TR	
LF50CPT-TR	LF50CPT-TR	

LM217D2T-TR	LM217D2T-TR	
LM217MDT-TR	LM217MDT-TR	
LM217T	LM217T	
LM317D2T-TR	LM317D2T-TR	
LM317MDT-TR	LM317MDT-TR	
LM317P	LM317P	
LM317T	LM317T	
	LM317T-DG	
ULN2003A	ULN2003A	
ULN2003D1013TR	ULN2003D1013TR	
ULN2004A	ULN2004A	
ULN2004D1013TR	ULN2004D1013TR	
ULN2803A	ULN2803A	
ULQ2003A	ULQ2003A	
ULQ2003D1013TR	ULQ2003D1013TR	
ULQ2004A	ULQ2004A	
ULQ2803A	ULQ2803A	

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