


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/18/11251	
1.3 Title of PCN	TO-220 Plating Process Capacity Extension - Dongguan Syundai (China) - INDUSTRIAL	
1.4 Product Category	Power MOSFET IGBTS Power BIPOLAR	
1.5 Issue date	2018-12-13	

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	Maurizio GIUDICE,Riccardo NICOLOSO
2.1.2 Marketing Manager	Paolo PETRALI,Angelo RAO
2.1.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	New Indirect material part number (same supplier or different supplier): Plating	Dongguan Syundai (China)

4. Description of change

	Old	New
4.1 Description	TO-220 deflash and plating processes for IGBTs, Power MOSFET and Power BIPOLAR Transistors are manufactured in ST Shenzhen (China) Assembly Plant	TO-220 deflash and plating processes for IGBTs, Power MOSFET and Power BIPOLAR Transistors are manufactured also in ST Subcontractor Dongguan Syundai (China) Assembly Plant.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	no impact	

5. Reason / motivation for change

5.1 Motivation	Increase Back-end Capacity
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	by Q.A. number
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7. Timing / schedule

7.1 Date of qualification results	2018-12-05
7.2 Intended start of delivery	2019-03-07
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	11251 TO-220 Whisker Results.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2018-12-13

9. Attachments (additional documentations)

11251 Public product.pdf
 11251 TO-220 Plating Process Capacity Extension - Dongguan Syundai (China).pdf
 11251 TO-220 Whisker Results.pdf

10. Affected parts

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
	BUL1203E	
497-2638-5-ND	BUL216	
BUL216	BUL216	
	BUL741	
	STGP10H60DF	
	STGP10M65DF2	
	STGP10NC60HD	
	STGP10NC60KD	
	STGP14NC60KD	
	STGP15H60DF	
	STGP15M65DF2	
	STGP19NC60HD	
	STGP19NC60KD	
	STGP20H60DF	
	STGP20M65DF2	
497-4355-5-ND	STGP20NC60V	
	STGP20V60DF	
	STGP30H60DF	
	STGP30H60DFB	
	STGP30M65DF2	
	STGP30V60DF	
	STGP35HF60W	
	STGP3NC120HD	
	STGP40V60F	
	STGP4M65DF2	
	STGP5H60DF	
	STGP6M65DF2	
	STGP6NC60HD	
	STGP7H60DF	
	STGP7NC60HD	
	STP03D200	
	STP100N10F7	
	STP100N6F7	
	STP100N8F6	
	STP105N3LL	
	STP10LN80K5	
	STP10N105K5	
	STP10N60M2	
	STP10NM60N	
	STP10NM60ND	
	STP110N10F7	
	STP110N8F6	
	STP110N8F7	
	STP11N60DM2	

	STP11N65M2	
	STP11NM65N	
	STP12N120K5	
	STP12N50M2	
	STP12N60M2	
	STP130N6F7	
	STP13N60M2	
	STP13N65M2	
	STP13N95K3	
	STP13NM60ND	
	STP140N6F7	
	STP140N8F7	
	STP140NF75	
	STP150N10F7	
	STP15N60M2-EP	
	STP160N3LL	
	STP160N4LF6	
	STP160N75F3	
	STP165N10F4	
	STP16N50M2	
	STP16N60M2	
	STP16N65M2	
	STP170N8F7	
	STP180N10F3	
	STP18N60DM2	
	STP18N65M2	
	STP18NM60ND	
	STP18NM80	
	STP200N3LL	
	STP20N90K5	
	STP20N95K5	
	STP20NK50Z	
	STP21N90K5	
	STP220N6F7	
	STP23N80K5	
	STP240N10F7	
	STP24N60DM2	
	STP24N60M2	
	STP24N60M6	
	STP24N65M2	
	STP25N10F7	
	STP25N60M2-EP	
	STP25N80K5	
	STP260N6F6	
	STP270N8F7	
	STP27N60M2-EP	
	STP28N60DM2	
	STP28N60M2	
	STP28N65M2	
	STP28NM50N	
	STP28NM60ND	

	STP2N105K5	
	STP2N80K5	
	STP2N95K5	
	STP30N65M5	
	STP30NF20	
	STP310N10F7	
	STP32NM50N	
	STP33N60DM2	
	STP33N60M2	
	STP33N60M6	
	STP33N65M2	
	STP34N65M5	
	STP34NM60N	
	STP34NM60ND	
	STP35N60DM2	
	STP36N55M5	
	STP36N60M6	
	STP38N65M5	
	STP3LN80K5	
	STP3N80K5	
	STP40N60M2	
	STP40N65M2	
	STP40NF10	
	STP42N60M2-EP	
	STP42N65M5	
	STP43N60DM2	
	STP45N60DM6	
	STP45N65M5	
	STP4LN80K5	
	STP4N80K5	
	STP4N90K5	
	STP57N65M5	
	STP5N105K5	
	STP5N60M2	
	STP5N62K3	
	STP5N80K5	
	STP5N95K5	
497-4382-5-ND	STP5NK100Z	
	STP65NF06	
	STP6N60M2	
	STP6N65M2	
	STP6N80K5	
	STP6N90K5	
	STP75NF20	
497-2788-5-ND	STP75NF75	
	STP7N105K5	
	STP7N60M2	
	STP7N65M2	
	STP7N90K5	
	STP7N95K3	
497-3200-5-ND	STP7NK40Z	

	STP80N10F7	
	STP80NF70	
	STP8N120K5	
	STP8N90K5	
	STP90NF03L	
	STP9N60M2	
	STP9N65M2	
	STP9NM60N	
497-2615-5-ND	TIP31C	

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Public Products List

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PCN Title : TO-220 Plating Process Capacity Extension - Dongguan Syundai (China) - INDUSTRIAL

PCN Reference : ADG/18/11251

Subject : Public Products List

Dear Customer,

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

STP5NK100Z	STP5NK52ZD	STP28N60M2
STP2N95K5	STP13N65M2	STGP19NC60SD
STP75NF20	STGP20V60F	STP28N60DM2
STP36N55M5	STP20N95K5	STP180N4F6
STP12N60M2	STP10NM60N	STP160N3LL
STP40N65M2	STP13N60M2	STP32NM50N
STGP14NC60KD	STP130N8F7	STP33N60DM2
STP4LN80K5	STGP4M65DF2	STP9N60M2
STP17N80K5	STP30N10F7	STP35NF10
STP100N6F7	STP9N80K5	STP7NK80Z
STP12N50M2	STP42N60M2-EP	STGP40V60F
STGP7H60DF	STP80N10F7	STP33N60M2
STP26N60M2	STP160N4LF6	STP03D200
STP5N95K5	STP100N10F7	STP105N3LL
STP12NK80Z	STP42N65M5	STP7N65M2
STP24N65M2	STP36N60M6	STP24N60DM2
STGP15M65DF2	STP7N105K5	STP33N65M2
STP4N80K5	BD239C	STGPL6NC60D
STP45N65M5	STP14N80K5	STP40NF10
STP110N7F6	STP130N6F7	STP45N10F7
STGP10H60DF	STP4N90K5	STP270N8F7
STP4NK50ZD	STP43N60DM2	STP170N8F7
STP90NF03L	STGP10M65DF2	STP34N65M5
STGP6M65DF2	STGP15H60DF	STGP8M120DF3
STP65NF06	STP7N52K3	STP6N60M2
STP110N8F6	STP10LN80K5	STGP30M65DF2
STP9NM60N	STP140NF75	STGP6NC60HD
STP24N60M2	STP110N10F7	STP10N60M2
STP160N75F3	STP165N10F4	STP34NM60N
STGP10NC60KD	STP16N50M2	STP9N65M2
STP2N105K5	STP28NM50N	STGP35HF60W
STGP5H60DF	STGP30H60DF	STP28N65M2
STP20N60M2-EP	STP240N10F7	STP150N10F7
STP30N65M5	STP18NM60N	STP7N95K3
STGP30V60F	STGP10NB60S	STP11N60DM2
STP5N60M2	STGP20H60DF	STP25N80K5



Public Products List

STP3LN80K5	STP30NF20	STGP3HF60HD
STP20NK50Z	STP180N10F3	BUL741
STP16N65M2	BUL216	STP220N6F7
STP5N105K5	STGP20M65DF2	STP25N60M2-EP
STP38N65M5	STP33N60M6	STGP30V60DF
STP140N8F7	STP310N10F7	STP27N60M2-EP
STP200N3LL	STP110N8F7	STP57N65M5
TIP31C	STP23N80K5	STP40N60M2
STGP20V60DF	STGP30H60DFB	STP8N120K5
STP20N90K5	STP16N60M2	STGP8NC60KD
STGP20NC60V	STP18NM80	STP75NF75
STP20NM60FD	STP18N65M2	STP80NF70
STP13N95K3	STP8N90K5	STP25N10F7
STP11NM65N	STGP10NB60SD	STP21N90K5
STP100N8F6	STP11N65M2	STP2N80K5
STP260N6F6	STP7N90K5	STP15N60M2-EP
STGP19NC60KD	STP50NF25	STP7NK40Z
STP6N90K5	STP45N60DM6	STGPL6NC60DI
STP5N80K5	STGP3NC120HD	STGP15M120F3
STP3N80K5	STP6N65M2	STP10N105K5
STP140N6F7	STP70NF03L	STP18N60DM2
STGP19NC60HD	STP12N120K5	STP7N60M2
STGP7NC60HD	STP35N60DM2	STP6N80K5
STP5N62K3	STGP10NC60HD	



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