

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	CRP/20/12002	
1.3 Title of PCN	DISCONTINUATION OF TO220 BACK-END PRODUCTION LINE AT ST BOUSKOURA PLANT (MOROCCO)	
1.4 Product Category	All products currently in production at ST Bouskoura back-end plant (Morocco) on TO220 line	
1.5 Issue date	2020-02-13	

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 Process Owner	Daniele Alfredo BRAMBILLA
2.1.2 Corporate Quality Manager	Gerard PETIT

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
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)	Bouskoura internal plant (Morocco)

4. Description of change

	Old	New
4.1 Description	TO220 produced at ST Bouskoura back-end plant (Morocco / 15% decreasing capacity) and ST Shenzhen back-end (China / 85%), including Test & Finishing	TO220 produced at ST Shenzhen back-end (China / 100%)
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	Form : No impact Fit : No impact (mold compound is changed, refer to document PCN ADG/19/11736) Function : No impact expected (part of qualification) Reliability or Processability : No impact expected (part of qualification)	

5. Reason / motivation for change

5.1 Motivation	Obsolescence of Bouskoura TO220 BE line preventing guarantee of business continuity
5.2 Customer Benefit	QUALITY IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	By internal traceability / dedicated FG
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7. Timing / schedule

7.1 Date of qualification results	2020-07-17
7.2 Intended start of delivery	2020-08-21
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	12002 Rel01-2020_V3.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2020-02-13

9. Attachments (additional documentations)

12002 Public product.pdf
 12002 PCN Notification for PTD and LGS Macro Division.pdf
 12002 Rel01-2020_V3.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
497-2757-5-ND	IRF630	
IRF630	IRF630	
	STP10NK80Z	
	STP10P6F6	
	STP11NK40Z	
	STP11NK50Z	
497-3180-5-ND	STP11NM60FD	
	STP11NM60ND	
497-4369-5-ND	STP11NM80	
497-4118-5-ND	STP120NF10	
497-2666-5-ND	STP12NM50	
	STP13N80K5	
	STP14NF10	
497-4526-5-ND	STP14NK50Z	
	STP15N65M5	
	STP15N80K5	
	STP15N95K5	
497-2766-5-ND	STP16NF06	
497-2765-5-ND	STP16NF06L	
	STP18N55M5	
	STP18N60M2	
	STP19NF20	
	STP19NM50N	
	STP200NF03	
497-4375-5-ND	STP20NF06L	
	STP20NF20	
497-2663-5-ND	STP20NM50	
	STP20NM50FD	
	STP23NM50N	
497-3185-5-ND	STP24NF10	
	STP24NM60N	
497-4378-5-ND	STP2NK90Z	
	STP31N65M5	
	STP3N150	
	STP3NK90Z	
	STP40NF10L	
	STP40NF20	
497-3189-5-ND	STP45NF06	
	STP4N150	
497-3191-5-ND	STP4NK60Z	
	STP55NF06L	
497-3195-5-ND	STP5NK50Z	
	STP5NK80Z	
	STP60NF06L	

	STP62NS04Z	
	STP6N62K3	
	STP6N95K5	
497-3198-5-ND	STP6NK60Z	
	STP7LN80K5	
	STP7N80K5	
497-2676-5-ND	STP80NF03L-04	
497-3201-5-ND	STP80NF06	
	STP80NF55	
497-3202-5-ND	STP80NF55-08	
	STP80NF55L-06	
	STP85N3LH5	
	STP8N80K5	
	STP8NK100Z	
	STP8NM50N	
	STP9NK70Z	
497-2785-5-ND	STP9NK90Z	

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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 : DISCONTINUATION OF TO220 BACK-END PRODUCTION LINE AT ST BOUSKOURA PLANT (MOROCCO)

PCN Reference : CRP/20/12002

Subject : Public Products List

Dear Customer,

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

STP8NK100Z	STP11NM80	STP40NF20
STP15N65M5	STP80NF06	STP14NF10
STP16NF06L	STP85N3LH5	STP4N150
STP20NF20	STP24NF10	STP8NM50N
STP9NK50Z	STP15NK50Z	STP55NF06L
STP15N95K5	STP20NF06L	STP6N62K3
STP120NF10	STP13NK60Z	STP14NK50Z
STP3N150	STP5NK50Z	STP20NM50
STP15N80K5	STP9NK70Z	STP18N55M5
STP6NK60Z	STP7N80K5	STP80NF55L-06
STP60NF06L	STP24NM60N	STP6N95K5
STP8N80K5	STP10NK80Z	STP3NK90Z
STP40NF12	STP16NF06	STP13N80K5
IRF630	STP2NK90Z	STP8NK80Z
STP7LN80K5	STP40NF10L	STP18N60M2
STP10P6F6	STP16N65M5	STP9NK90Z
STP80NF55-08	STP31N65M5	STP62NS04Z
STP12NM50	STP5NK80Z	STP19NM50N
STP4NK80Z	STP200NF03	STP11NK50Z
STP45NF06	STP19NF20	STP9NK65Z
STP11NK40Z	STP4NK60Z	STP23NM50N



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