


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13804	
1.3 Title of PCN	L5050S (UK38): Assembly Transfer to Bouskoura	
1.4 Product Category	L5050STR, L5050S	
1.5 Issue date	2022-11-25	

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	Francesco MACINA
2.1.2 Marketing Manager	Salvatore ABBISSO
2.1.3 Quality Manager	Marcello Donato MENCHISE

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)	ST Bouskoura - Morocco receiving Plant

4. Description of change

	Old	New
4.1 Description	Assy Plant Shenzhen	Assy Plant Bouskoura
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	ST Shenzhen SO8 package line closure June 30,2023
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good code
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7. Timing / schedule

7.1 Date of qualification results	2023-02-24
7.2 Intended start of delivery	2023-03-31
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

13804 Public product.pdf
13804 Details.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
	L5050STR	

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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	L5050S (UK38): Assembly Transfer to Bouskoura																										
IMPACTED PRODUCTS	ST silicon lines UK38 diffused in BCD5 technology and assembled in SO8 package: - L5050S - L5050STR																										
MANUFACT. STEP	Assembly																										
INVOLVED PLANT	Recipient: ST Shenzhen Plant (China) Destination: ST Bouskoura Plant (Morocco)																										
CHANGE REASON	ST Shenzhen SO8 package line closure 30 June 2023: Service and Capacity improvement for business continuity. Manufacturing process optimization																										
CHANGE DESCRIPTION	Transfer of package assembly from current Shenzhen (China) to Bouskoura (Morocco) Plant. Package Bill of Material is subject to upgrade as per following table: <table><tr><td></td><td>SHENZHEN</td><td>BOUSKOURA</td><td>Notes</td></tr><tr><td>GLUE</td><td>ABLESTIK 8601S-25</td><td>ABLESTIK 8601S-25</td><td>same</td></tr><tr><td>FRAME</td><td>94x125 Mt HD NiThPdAgAu</td><td>94x125 SSHD IDF SpAg</td><td>different</td></tr><tr><td>LEAD FINISHING</td><td>e4</td><td>e3</td><td>different</td></tr><tr><td>RESIN</td><td>SUMITOMO EME-G700KC</td><td>SUMITOMO EME-G700KC</td><td>same</td></tr><tr><td>WIRE</td><td>Au D1.0</td><td>Au D1.0</td><td>same</td></tr></table>				SHENZHEN	BOUSKOURA	Notes	GLUE	ABLESTIK 8601S-25	ABLESTIK 8601S-25	same	FRAME	94x125 Mt HD NiThPdAgAu	94x125 SSHD IDF SpAg	different	LEAD FINISHING	e4	e3	different	RESIN	SUMITOMO EME-G700KC	SUMITOMO EME-G700KC	same	WIRE	Au D1.0	Au D1.0	same
	SHENZHEN	BOUSKOURA	Notes																								
GLUE	ABLESTIK 8601S-25	ABLESTIK 8601S-25	same																								
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RESIN	SUMITOMO EME-G700KC	SUMITOMO EME-G700KC	same																								
WIRE	Au D1.0	Au D1.0	same																								
TRACEABILITY	Dedicated Finished Good code (internal part number)																										
VALIDATION	According to ZVEI Delta Qualification Matrix corresponding to following selected items: 🚧 SEM-PA-04 Change of lead frame finishing material / area (internal) 🚧 SEM-PA-18 Move all or parts of production to a different assembly site 🚧 SEM-TF-01 Move of all or part of electrical wafer test and/or final test to a different test site leading to the following reliability qualification plan performed on Test Vehicle:																										

	<table><tr><td>Temperature Humidity Bias or biased 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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 : L5050S (UK38): Assembly Transfer to Bouskoura

PCN Reference : ADG/22/13804

Subject : Public Products List

Dear Customer,

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