

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13637	
1.3 Title of PCN	E-L9637D013TR, E-L9637D, 09352534TR, L9856-TR-LF (U537, U356): Assembly Transfer to Bouskoura	
1.4 Product Category	E-L9637D013TR, E-L9637D, 09352534TR, L9856-TR-LF	
1.5 Issue date	2022-09-27	

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	Fabrizio CASSANI,Vito GRAZIANO
2.2.2 Marketing Manager	Alberto CAROLI,Francesco MACINA
2.2.3 Quality Manager	Alberto BIGNAZZI,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)	Recipient: ST Shenzhen Plant (China) Destination: ST Bouskoura Plant (Morocco)

4. Description of change

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

5. Reason / motivation for change

5.1 Motivation	Service and Capacity improvement. Manufacturing process optimization.
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Dedicated Finished Good Codes
-----------------	-------------------------------

7. Timing / schedule

7.1 Date of qualification results	2022-09-01
7.2 Intended start of delivery	2022-12-01
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	13637 Validation.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2022-09-27

9. Attachments (additional documentations)

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
	E-L9637D	
	E-L9637D013TR	
	L9856-TR-LF	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved

PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	E-L9637D013TR, E-L9637D, 09352534TR, L9856-TR-LF (U537, U356): Assembly Transfer to Bouskoura																										
IMPACTED PRODUCTS	ST silicon lines U537 and U356 diffused in BCD technology and assembled in SO8 package																										
MANUFACT. STEP	Assembly																										
INVOLVED PLANT	Recipient: ST Shenzhen Plant (China) Destination: ST Bouskoura Plant (Morocco)																										
CHANGE REASON	Service and Capacity improvement. 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 data-bbox="612 1029 1245 1281"> <thead> <tr> <th></th><th>SHENZHEN</th><th>BOUSKOURA</th><th>Notes</th></tr> </thead> <tbody> <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>Cu D1.0</td><td>different</td></tr> </tbody> </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	Cu D1.0	different
	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	Cu D1.0	different																								
TRACEABILITY	Dedicated Finished Good Codes (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-08 Change of wire bonding  SEM-PA-18 Move all or parts of production to a different assembly site leading to the reliability qualification plan and report enclosed.																										
CURRENT PRODUCTS	Replaced by new version featuring new Plant and upgraded package																										
REPORTS	13637 Validation.pdf (Report RR007622CS2039_01)																										



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 : E-L9637D013TR, E-L9637D, 09352534TR, L9856-TR-LF (U537, U356): Assembly Transfer to Bouskoura

PCN Reference : ADG/22/13637

Subject : Public Products List

Dear Customer,

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

L9856-TR-LF	E-L9637D013TR	E-L9637D
-------------	---------------	----------



IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.