


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCN No.	ADG/21/12746	
1.3 Title of PCN	L99DZ100Gx (UBF9): EWS Activation in ST Singapore Plant	
1.4 Product Category	see list	
1.5 Issue date	2021-04-16	

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	Vito GRAZIANO
2.1.2 Marketing Manager	Angelo MOTTESE
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: Electrical wafer sort (SOP 2617)	ST AMK Singapore Receiving Plant

4. Description of change

	Old	New
4.1 Description	EWS in ST Agrate-EWS Italy	EWS in ST Agrate-EWS Italy / ST AMK-EWS Singapore
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Capacity Increase
5.2 Customer Benefit	CAPACITY INCREASE

6. Marking of parts / traceability of change

6.1 Description	Internal traceability date code
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7. Timing / schedule

7.1 Date of qualification results	2021-06-30
7.2 Intended start of delivery	2021-07-30
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

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

9. Attachments (additional documentations)		
12746 Public product.pdf 12746 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
	L99DZ100GPTR	
	L99DZ100GTR	

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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	L99DZ100Gx (UBF9): EWS Activation in ST Singapore Plant	
IMPACTED PRODUCTS	ST Line UBF9 assembled in LQFP 64 10x10x1.4 Exposed Pad Down package: <div> L99DZ100GPTR</div> <div> L99DZ100G</div> <div> L99DZ100GTR</div> <div> L99DZ100GP</div>	
MANUFACTURING STEP	Electrical Wafer Sort (EWS)	
INVOLVED PLANT	ST Ang Mo Kio (Singapore) – Recipient Site	
CHANGE REASON	Service and Capacity improvement. Second source policy.	
CHANGE DESCRIPTION	Activation of EWS step in ST Singapore Plant, as additional location further to current Agrate (Italy) site.	
TRACEABILITY	Internal Traceability. Step tracked in ST production systems and available real time on demand.	
VALIDATION	<div><div><div><div>Wafer Probing</div><div>AgrateSingapore</div></div><div>↓</div><div><div>Wafer Map Comparison</div><div>AgrateSingapore</div></div><div>↓</div><div><div>Binning Comparison</div><div>AgrateSingapore</div></div><div>↓</div><div><div>Statistics Comparison</div><div>AgrateSingapore</div></div></div><div>Validation is performed through a correlation exercise, as normally foreseen for EWS site transfer methodology. Apart from the physical location, test environment adopted in Singapore replicates the one currently running in ST Agrate site (software and hardware models).</div><div>Qualification is run probing the same wafer, correlating wafer maps, binning and statistics, further to standard spike analysis. Full alignment is verified at all validation steps.</div></div>	
CURRENT PRODUCTS	Following EWS activation in ST Singapore Plant, ST Agrate line will be maintained (dual source policy – flexible manufacturing base)	
REPORTS	Activity in progress: validation reports available by June 2021	



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 : L99DZ100Gx (UBF9): EWS Activation in ST Singapore Plant

PCN Reference : ADG/21/12746

Subject : Public Products List

Dear Customer,

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

L99DZ100GTR	L99DZ100GPTR	L99DZ100G
L99DZ100GP		



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