

PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCI No.	POWER AND DISCRETES/25/15824
1.3 Title of PCI	BRI9 - NEW DRB TEST INTRODUCTION IN TESTING FLOW - STS
1.4 Product Category	BRI9A1, BRIC, BRJ7, BRJJ, BRJN product line
1.5 Issue date	2025-09-02

2. PCI 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	Angelo RAO
2.2.2 Marketing Manager	Paolo PETRALI
2.2.3 Quality Manager	Vincenzo MILITANO

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Method (EWS-FT)	Different test flow (step removal, step addition, step order change, temperature change, quality control steps optimization, test time reduction, etc..) if test flow is not agreed with Customer.	3068---SHENZHEN B/E

4. Description of change

	Old	New
4.1 Description	test no present	New DRB test, condition: Target 70V/ns 1450V peak, 1s test time, 10Kpulses (no current switched). Test flow: Assembly -> New test -> BI -> Final Test
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	To replicate Circuit used in the Application Lab for RDP (replace MP on tester).
5.2 Customer Benefit	YIELD IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	New Finished good codes
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7. Timing / schedule

7.1 Date of qualification results	2025-09-01
7.2 Intended start of delivery	2026-03-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	15824 RERPTD25050_1.0_Rel Eval for Qual DRB Test in FT for GEN3.rev3.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	Issue Date	2025-09-02

9. Attachments (additional documentations)

15824 Public product.pdf
15824 RERPTD25050_1.0_Rel Eval for Qual DRB Test in FT for GEN3.rev3.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
	SCT016H120G3AG	
	SCT025H120G3-7	
	SCT025H120G3AG	
	SCT040H120G3AG	
	SCT070H120G3AG	

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