

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ADG/22/13853
1.3 Title of PCN	FDA801x, TSL001 (UR50): Activation of T2000 IPSE beside current T2000 IPS in Muar
1.4 Product Category	see list
1.5 Issue date	2022-12-23

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	Lorenzo MOIOLI
2.2.2 Marketing Manager	Valeria SCARCELLI
2.2.3 Quality Manager	Marcello Donato MENCHISE

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Equipment (EWS-FT)	Tester or prober duplication : qualification of a new equipment, which type (brand, and/or model, and/or options) already exists and is used on same application	ST Muar - Malaysia

4. Description of change

	Old	New
4.1 Description	T2000 IPS testing Platform	T2000 IPSE Testing Platform
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact	

5. Reason / motivation for change

5.1 Motivation	Service Continuity
5.2 Customer Benefit	SERVICE CONTINUITY

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	2023-04-07
7.2 Intended start of delivery	2023-06-02
7.3 Qualification sample available?	Upon Request

8. Qualification / Validation

8.1 Description	
8.2 Qualification report and qualification results	In progress

9. Attachments (additional documentations)

13853 Public product.pdf 13853 Details.pdf	Issue Date
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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
	FDA801-VYT	
	FDA801B-VYT	
	FDA801S-VYT	

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PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	FDA801x, TSL001x (UR50): Activation of T2000 IPSE beside current T2000 IPS in Muar
IMPACTED PRODUCTS	UR50 internal silicon line, see enclosed list of relevant part numbers
MANUFACTURING STEP	Final Test
INVOLVED PLANT	ST Muar - Malaysia
CHANGE REASON	Service Continuity
CHANGE DESCRIPTION	T2000 IPSE as Final Testing Platform will be activated
TRACEABILITY	Internal Traceability and date-code
VALIDATION	Validation report will be ready within wk 14-2023 Validation process described in below Annex
IMPLEMENTATION	1st shipment forecasted by wk 22-2023

FT Validation Plan

1. Datalog and stdf file collection for LCC (Limit & Completeness) check [LTX Fusion, IPSE]
2. Correlation Report (1 site only): mean distribution comparison [LTX Fusion vs IPSE]
3. Site2site correlation by statistical analysis [IPSE]
4. 1k loop run (max. 1.5 hrs): check for BIN1 at the end, drift evaluation, Visual Inspection [IPSE]
5. LTX Fusion vs IPSE Test Time profile comparison Report
6. Yield analysis on 3x fresh lot from different diffusions [IPSE]
7. Reject from LTX Fusion confirmation on IPSE
8. Spike check on all pins (1 site only) [IPSE]
9. Verification of correct assignment BIN → site [IPSE]
10. Check for appropriate sorting of HW BINs [IPSE]

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 : FDA801x, TSL001 (UR50): Activation of T2000 IPSE beside current T2000 IPS in Muar

PCN Reference : ADG/22/13853

Subject : Public Products List

Dear Customer,

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

FDA801-VYY	FDA801B-VYT	FDA801B-VYY
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