

PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

1.1 Company	 STMicroelectronics International N.V
1.2 PCN No.	ANALOG MEMS SENSORS/26/16427
1.3 Title of PCN	Analog_HVG 8_AG200 to CM5F_all: Qualification of Catania SiC 200 (Italy) as new Front End Location.
1.4 Product Category	Please refer to the impacted Product list
1.5 Issue date	2026-07-21

2. PCN Team

2.1 Contact supplier	
2.1.1 Name	PIKE EMMA
2.1.2 Phone	+44 1628896111
2.1.3 Email	emma.pike@st.com
2.2 Change responsibility	
2.2.1 Product Manager	Marcello SAN BIAGIO
2.1.2 Marketing Manager	Vincenzo NICOTRA
2.1.3 Quality Manager	Paolo MORETTI

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Manufacturing reshaping program	Manufacturing reshaping program	Front end plant : Catania SiC 200

4. Description of change

	Old	New
4.1 Description	Front end plant : Agrate 200 (Italy)	Front end plant : Catania SiC 200
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No Impact. The products guarantee the same quality and electrical characteristics as per current production.	

5. Reason / motivation for change

5.1 Motivation	In the frame of ST manufacturing reshaping program (refer to Corporate PCI 15383 - Early Notification), following the continuous improvement of our service and to increase production Capacity, ST Microelectronics is announcing the qualification of Catania SiC 200 (Italy) as FE Location for the impacted Products in HVG 8 Technology. Please be advised that the enclosed list of products and dates could be subject to change. Such modifications may occur as part of the ongoing transformation program and will be communicated as and when available.
5.2 Customer Benefit	SERVICE CONTINUITY

6. Marking of parts / traceability of change

6.1 Description	Traceability of change will be ensured by an internal codification (Finished Good/Type) printed on the carton box label.
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7. Timing / schedule

7.1 Date of qualification results	2027-11-12
7.2 Intended start of delivery	2028-05-10
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)		
16427 Public product.pdf 16427 Qualification Plan Detail_Analog_HVG 8_AG200 to CM5F_all_16427.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
	TSX922IDT	
	TSX7191AIYLT	
4575127	TSX921ILT	
	TSX393IPT	
	TSX922IYST	

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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 : Analog_HVG 8_AG200 to CM5F_all: Qualification of Catania SiC 200 (Italy) as new Front End Location.

PCN Reference : ANALOG MEMS SENSORS/26/16427

Subject : Public Products List

Dear Customer,

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

TSX634IQ4T	TSX712IYDT	TSX920ILT
STG1218IQT	LMC7101ILT	TSX9291IYLT
TSX3702IPT	TSX712IYST	LMC6482IST
TSX9292IST	TSX562AIYST	TSX631IYLT
TSX631ILT	TSX923IST	TSX7192IDT
TSX922IST	TSX562IYST	TSX634IYPT
TSX339IYPT	TSX393IYDT	TSX634AIPT
TSX7191AIYLT	TSX631AIYLT	TSX561AIYLT
TSX711ILT	TSX562IST	TSX632AIST
TSX7192IST	TSX711IYLT	TSX393IQ2T
TSX922IYDT	TSX3702IYDT	TSX632AIYST
TSX711AILT	TSX564IYPT	TSX632IYST
TSX3702IQ2T	TSX921IYLT	TSX562AIST
TSX561ILT	TSX561IYLT	TSX562IQ2T
TSX393IPT	TSX7192IYST	TSX564AIPT
TSX7191AILT	TSX7192IYDT	LMC6482IDT
TSX9292IYDT	TSX3704IQ4T	TSX921ILT
TSX632IQ2T	TSX393IDT	TSX3702IDT
TSX564IQ4T	TSX564AIYPT	TSX564IPT
TSX3704IPT	TSX632IST	TSX711AIYLT
TSX712IDT	TSX631AILT	TSX7191ILT
TSX3702IST	TSX339IPT	TSX922IQ2T
TSX634IPT	TSX7191IYLT	TSX9292IQ2T
TSX3704IYPT	TSX339IQ4T	TSX393IST
TSX922IYST	TSX634AIYPT	TSX9292IDT
TSX9291ILT	TSX3704IDT	TSX339IDT
TSX922IDT	TSX712IST	TSX561AILT

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PCN 16427:

Analog_HVG 8_AG200 to CM5F_all: Qualification of Catania SiC 200 (Italy) as new Front End Location.

Qualification Plan

June 2026

Qualification Plan

Compliant with internal ST Spec and AEC Q100 Rev J (TABLE 3)

	THB (Temperature Humidity Bias)	HAST	UHAST or AC or TH	TC (Temperature Cycling)	PTC (Power Temperature Cycling)	HTSL (High Temperature Storage Life)	HTOL (High Temperature Operating Life)	ELFR	EDR (NVM endurance, Data Retention)	WBP (Wire Bond Pull)	WBS (Wire Bond Shear)	SD (Solderability)	PD (Physical Dimension)	Solder Ball Shear	LI (Lead Integrity)	BST (Bump Shear Test)	HBM (Human Body Model ESD)	CDM (Charged Device Model ESD)	LU (Latch-up)	ED (Electrical Distribution)	CHAR (Characterisation)	EMC (Electromagnetic Compatibility)	SC (Short Circuit Characterisation)	SER (Soft Error Rate)	LF (Lead (Pb) Free)	EM (Electromigration)	TDD8 (Time Dependent Dielectric Breakdown)	HCI (Hot Carrier Injection)	BTI (Bias Temperature Instability)	SM (Stress Migration)
Technology Node transfer Product Test Vehicle	5 lots		5 lots	5 lots		5 lots	5 lots	3 lots		✓	✓						3 lots	3 lots	3 lots	5 lots						✓	✓	✓	✓	✓
Global Plan Family Data	22 lots		22 lots	22 lots		22 lots	18 lots	4 lots		✓	✓						14 lots	14 lots	14 lots	22 lots						✓	✓	✓	✓	✓

Note 1: Samples size compliant with AEC - Q100 rev.J and Internal ST spec.

● covered by family data/technology data

Temperature grade based on product datasheet

✓ Performed according note 1

empty cell = test not required



Disclaimer

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