PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company	STMicroelectronics International N.V
1.2 PCI No.	ADG/22/13691
1.3 Title of PCI	Teseo-VIC3DA: Firmware Update (version 4.6.18.11)
1.4 Product Category	Teseo-VIC3DA
1.5 Issue date	2022-11-14

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	Gianvito GIUFFRIDA
2.1.2 Marketing Manager	Gianvito GIUFFRIDA
2.1.3 Quality Manager	Alberto MERVIC

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
General Product & Design	Firmware modification : firmware is programed in the memory without effect of electrical performance at the customer (bug fix)	NA

4. Description of change

	Old	New
4.1 Description	Firmware version 4.6.17.1	Firmware version 4.6.18.11
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	No impact	

5. Reason / motivation for change

5.1 Motivation	Service Improvement
5.2 Customer Benefit	SERVICE IMPROVEMENT

6. Marking of parts / traceability of change

6.1 Description	Date Code

7. Timing / schedule

7.1 Date of qualification results	2022-09-27
7.2 Intended start of delivery	2022-10-27
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description	13691 Details.pdf		
8.2 Qualification report and qualification results	Available (see attachment)	**Issue Date**	2022-11-14

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**
	TESEO-VIC3DA	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

PRODUCT/PROCESS CHANGE NOTIFICATION

TITLE	**Teseo-VIC3DA: Firmware Update (version 4.6.18.11)**
IMPACTED PRODUCTS	Teseo-VIC3DA
CHANGE TYPE	Firmware
CHANGE DESCRIPTION	Teseo-VIC3DA firmware updated to the version 4.6.18.11
CHANGE REASON	Service Improvement - Teseo-VIC3DA Firmware Improvement •

CURRENT CONDITION	In the Teseo-VIC3DA production firmware (version 4.6.17.1):
	
	• Geofencing and Odometer application feature not implemented.
	• Longer TTFF in case of tunnel exit.
	• "Truck mode" for supporting tilt-cabin not implemented
	• An anomalous condition has been identified which could trigger a not working module when the following conditions are taken
	  - Cold start
	  - Fallback DRUM mode
	  - No RF input signal (no antenna connection)
	  - More than 30 minutes running
	
	In this condition an hard reset is needed to recover the module

NEW CONDITION	In the Teseo-VIC3DA firmware version 4.6.18.11 there are: • Geofencing support integrated • Odometer support integrated • "Truck mode" for supporting tilt-cabin integrated • Improved TTFF in case of tunnel exit • Anomalous condition fixed

Public Products List

Publict 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

PCI Title : Teseo-VIC3DA: Firmware Update (version 4.6.18.11)

PCI Reference : ADG/22/13691

Subject : Public Products List

Dear Customer,

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

TESEO-VIC3DA	TESEO-VIC3DATR	

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.