

**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| 1.1 Company          |  STMicroelectronics International N.V |
| 1.2 PCI No.          | ANALOG MEMS SENSORS/26/16450                                                                                           |
| 1.3 Title of PCI     | Datasheet update for SPSB100GTR-AB and SPSB100GBTR-AB                                                                  |
| 1.4 Product Category | See product list                                                                                                       |
| 1.5 Issue date       | 2026-07-17                                                                                                             |

**2. PCI 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     | Massimiliano MERISIO  |
| 2.1.2 Marketing Manager   | Sergio Riccardo MAURO |
| 2.1.3 Quality Manager     | Daniela FAZIO         |

**3. Change**

|                          |                                              |                            |
|--------------------------|----------------------------------------------|----------------------------|
| 3.1 Category             | 3.2 Type of change                           | 3.3 Manufacturing Location |
| General Product & Design | Modification of datasheet : Errata/error fix | N/A                        |

**4. Description of change**

|                                                                                       |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                       | Old             | New                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4.1 Description                                                                       | Datasheet rev.1 | Datasheet rev.2<br>• Features and description on the cover page.<br>• General chapters typos correction and description.<br>• Figures 40/48/64/75/76/77/78/79 typos and titles corrections.<br>• General register tables typos corrections to the register/ID names and related descriptions.<br>• Table 30: Iboost values column position.<br>• Table 33: Ilimit typo value.<br>• Table 68: column format.<br>• Tables 67 and 70: missing tables number and title added. |
| 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 | Not applicable |
|-----------------|----------------|

**7. Timing / schedule**

|                                     |                |
|-------------------------------------|----------------|
| 7.1 Date of qualification results   | 2026-06-16     |
| 7.2 Intended start of delivery      | 2026-07-16     |
| 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) |
| 16450 Public product.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  |
|                         | SPSB100GBTR             |                          |
|                         | SPSB100GTR              |                          |

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