


# PRODUCT / PROCESS CHANGE INFORMATION

## 1. PCI basic data

|                      |   |                                      |
|----------------------|---|--------------------------------------|
| 1.1 Company          |  | STMicroelectronics International N.V |
| 1.2 PCI No.          | ADG/21/12906  |                                      |
| 1.3 Title of PCI     | SPC582Bx (FC60): Reference Manual and Errata Sheet Update                         |                                      |
| 1.4 Product Category | see list  |                                      |
| 1.5 Issue date       | 2021-07-10  |                                      |

## 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     | Luca RODESCHINI          |
| 2.1.2 Marketing Manager   | Matteo MOIOLI            |
| 2.1.3 Quality Manager     | Alberto MERVIC           |

## 3. Change

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

## 4. Description of change

|   |  |  |
|---|--|--|
|   | Old  | New  |
| 4.1 Description   | Reference Manual rev. 6<br>Errata Sheet rev. 6 | Reference Manual rev. 7<br>Errata Sheet rev. 7 |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | No Impact                                      |  |

## 5. Reason / motivation for change

|                      |                      |
|----------------------|----------------------|
| 5.1 Motivation       | Documentation Update |
| 5.2 Customer Benefit | SERVICE CONTINUITY   |

## 6. Marking of parts / traceability of change

|                 |   |
|-----------------|---|
| 6.1 Description | Documentation available on <a href="http://www.st.com">www.st.com</a> |
|-----------------|---|

## 7. Timing / schedule

|                                     |                |
|-------------------------------------|----------------|
| 7.1 Date of qualification results   | 2021-07-07     |
| 7.2 Intended start of delivery      | 2021-07-07     |
| 7.3 Qualification sample available? | Not Applicable |

## 8. Qualification / Validation

|  |                            |            |            |
|--|----------------------------|------------|------------|
| 8.1 Description                                    | 12906 Details.pdf          |            |            |
| 8.2 Qualification report and qualification results | Available (see attachment) | Issue Date | 2021-07-10 |

## 9. Attachments (additional documentations)

|   |
|---|
| 12906 Public product.pdf<br>12906 Details.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  |
|                         | SPC582B50E1AD00X        |                          |
|                         | SPC582B50E1CG00X        |                          |
|                         | SPC582B50E3CD00X        |                          |
|                         | SPC582B60E1CD00X        |                          |
|                         | SPC582B60E1MH00Y        |                          |

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Dear Customer,  
purpose of this letter is to inform you of new documents released on [www.st.com](http://www.st.com) relating to devices shown below:

## SPC582Bx

SPC58 2B Line - 32-bit Power Architecture automotive MCU

Device summary table

| Package  | Part number |             |             |
|----------|-------------|-------------|-------------|
|          | 1 MB        | 768 kB      | 512 kB      |
| eTQFP64  | SPC582B60E1 | SPC582B54E1 | SPC582B50E1 |
| eTQFP100 | SPC582B60E3 | SPC582B54E3 | SPC582B50E3 |
| QFN48    | SPC582B60Q3 | SPC582B54Q3 | SPC582B50Q3 |

Here below the documents released:

|                  |        |        |
|------------------|--------|--------|
| Reference Manual | Rev. 7 | RM0403 |
| Errata Sheet     | Rev. 7 | ES0413 |



## 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

**PCI Title :** SPC582Bx (FC60): Reference Manual and Errata Sheet Update

**PCI Reference :** ADG/21/12906

**Subject :** Public Products List

Dear Customer,

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

|                  |                  |                  |
|------------------|------------------|------------------|
| SPC582B60E1MH00X | SPC582B60E1CD00X | SPC582B54E1CG00X |
| SPC582B60E1MH00Y | SPC582B54E1BD00X | SPC582B50E3CD00X |
| SPC582B60E3MH00X | SPC582B50E1AD00X | SPC582B50E1CG00X |
| SPC582B60E3MH00Y | SPC582B54E3L000X |                  |



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