


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

|                             |   |                                      |
|-----------------------------|---|--------------------------------------|
| <b>1.1 Company</b>          |  | STMicroelectronics International N.V |
| <b>1.2 PCI No.</b>          | ADG/19/11585  |                                      |
| <b>1.3 Title of PCI</b>     | SPC584Cx, SPC58ECx (FC80): Errata Sheet and Reference Manual Updated              |                                      |
| <b>1.4 Product Category</b> | see list  |                                      |
| <b>1.5 Issue date</b>       | 2019-08-19  |                                      |

**2. PCI Team**

|                                  |                          |
|----------------------------------|--------------------------|
| <b>2.1 Contact supplier</b>      |                          |
| <b>2.1.1 Name</b>                | ROBERTSON HEATHER        |
| <b>2.1.2 Phone</b>               | +1 8475853058            |
| <b>2.1.3 Email</b>               | heather.robertson@st.com |
| <b>2.2 Change responsibility</b> |                          |
| <b>2.2.1 Product Manager</b>     | Luca RODESCHINI          |
| <b>2.1.2 Marketing Manager</b>   | Paul KINOWSKI            |
| <b>2.1.3 Quality Manager</b>     | Alberto MERVIC           |

**3. Change**

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

**4. Description of change**

|  |  |  |
|--|--|--|
|  | <b>Old</b>                                   | <b>New</b>                                   |
| <b>4.1 Description</b>   | Errata Sheet Rev 3<br>Reference Manual Rev 4 | Errata Sheet Rev 4<br>Reference Manual Rev 5 |
| <b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b> | No Impact                                    |  |

**5. Reason / motivation for change**

|                             |                       |
|-----------------------------|-----------------------|
| <b>5.1 Motivation</b>       | Documentation Updated |
| <b>5.2 Customer Benefit</b> | SERVICE CONTINUITY    |

**6. Marking of parts / traceability of change**

|                        |   |
|------------------------|---|
| <b>6.1 Description</b> | Errata Sheet and Reference Manual Updated available on www.st.com |
|------------------------|---|

**7. Timing / schedule**

|  |                |
|--|----------------|
| <b>7.1 Date of qualification results</b>   | 2019-07-19     |
| <b>7.2 Intended start of delivery</b>      | 2019-08-01     |
| <b>7.3 Qualification sample available?</b> | Not Applicable |

**8. Qualification / Validation**

|   |                            |                   |            |
|---|----------------------------|-------------------|------------|
| <b>8.1 Description</b>                                    | 11585 Details.pdf          |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment) | <b>Issue Date</b> | 2019-08-19 |

**9. Attachments (additional documentations)**

|   |
|---|
| 11585 Public product.pdf<br>11585 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  |
|                         | SPC58EC80C3QMC0Y        |                          |
|                         | SPC58EC80E1Q0C0Y        |                          |
|                         | SPC58EC80E3QMC0Y        |                          |
|                         | SPC58EC80E5QMC0Y        |                          |
|                         | SPC58EC80E7QMC0Y        |                          |

**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.

© 2018 STMicroelectronics – All rights reserved



## 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** : SPC584Cx, SPC58ECx (FC80): Errata Sheet and Reference Manual Updated

**PCI Reference** : ADG/19/11585

**Subject** : Public Products List

Dear Customer,

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

|                  |                  |                  |
|------------------|------------------|------------------|
| SPC584C70E3F000X | SPC58EC70E3F000X | SPC58EC80E1Q0C0X |
| SPC58EC80C3QMC0Y | SPC58EC74E3FMC0X | SPC58EC80E7QMC0Y |
| SPC58EC80C3Q0C0X | SPC58EC80C3QMC0X | SPC58EC70E1F0C0X |
| SPC584C80E3G0C0X | SPC58EC80E1Q0C0Y | SPC58EC80C3NEC0X |
| SPC58EC80E5FMC0X | SPC58EC80E3FMC0X | SPC584C70E7QMC0X |
| SPC58EC80E3QMC0X | SPC58EC70E1F000X | SPC584C70E3FMC0X |
| SPC58EC80E5QMC0X | SPC58EC74E7E0C0X | SPC58EC80E5QMC0Y |
| SPC58EC80E7G0C0X | SPC58EC80E3QMC0Y | SPC58EC74E3E0C0X |
| SPC58EC80E7QMC0X | SPC58EC80E5EMC0X | SPC58EC74E7P000X |
| SPC58EC80E7FMC0X |                  |                  |



### 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.



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

## Errata Sheet and Reference Manual SPC584Cx, SPC58ECx

32-bit Power Architecture® microcontroller for automotive ASIL-D applications

**Table 1. Device summary**

| Package  | Part number |             |             |             |             |             |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
|          | 2 MB        |             | 3 MB        |             | 4 MB        |             |
|          | Single core | Dual core   | Single core | Dual core   | Single core | Dual core   |
| eTQFP64  | SPC584C70E1 | SPC58EC70E1 | SPC584C74E1 | SPC58EC74E1 | SPC584C80E1 | SPC58EC80E1 |
| eTQFP100 | SPC584C70E3 | SPC58EC70E3 | SPC584C74E3 | SPC58EC74E3 | SPC584C80E3 | SPC58EC80E3 |
| eTQFP144 | SPC584C70E5 | SPC58EC70E5 | SPC584C74E5 | SPC58EC74E5 | SPC584C80E5 | SPC58EC80E5 |
| eLQFP176 | SPC584C70E7 | SPC58EC70E7 | SPC584C74E7 | SPC58EC74E7 | SPC584C80E7 | SPC58EC80E7 |
| FPBGA292 | SPC584C70C3 | SPC58EC70C3 | SPC584C74C3 | SPC58EC74C3 | SPC584C80C3 | SPC58EC80C3 |

Below documents released

Errata ES0400 Rev. 4.0  
Reference Manual RM0407 Rev. 5.0