

**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

|                             |  |                                      |
|-----------------------------|--|--------------------------------------|
| <b>1.1 Company</b>          |             | STMicroelectronics International N.V |
| <b>1.2 PCI No.</b>          | ADG/21/13121   |                                      |
| <b>1.3 Title of PCI</b>     | SP5xxx MICROCONTROLLERS IN QFP 20X20 AND 24x24 ePAD PACKAGES – NEW RULE FOR BULK LOT COMBINE |                                      |
| <b>1.4 Product Category</b> | see list   |                                      |
| <b>1.5 Issue date</b>       | 2021-11-15   |                                      |

**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>   | Matteo MOIOLI            |
| <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 (Logistic)  | Standard outer labelling  | ST Kirkop - Malta                 |

**4. Description of change**

|  |  |  |
|--|--|--|
|  | <b>Old</b>   | <b>New</b>   |
| <b>4.1 Description</b>   | Two (2) trace codes maximum combined in the same bulk shipment | Three (3) trace codes maximum combined in the same bulk shipment |
| <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>       | Service improvement. Higher number of combined lots improves overall shipments rate |
| <b>5.2 Customer Benefit</b> | SERVICE IMPROVEMENT   |

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

|                        |                                  |
|------------------------|----------------------------------|
| <b>6.1 Description</b> | Dated code and visible on labels |
|------------------------|----------------------------------|

**7. Timing / schedule**

|  |                |
|--|----------------|
| <b>7.1 Date of qualification results</b>   | 2021-11-12     |
| <b>7.2 Intended start of delivery</b>      | 2021-12-12     |
| <b>7.3 Qualification sample available?</b> | Not Applicable |

**8. Qualification / Validation**

|   |                            |                   |            |
|---|----------------------------|-------------------|------------|
| <b>8.1 Description</b>                                    | 13121 Details.pdf          |                   |            |
| <b>8.2 Qualification report and qualification results</b> | Available (see attachment) | <b>Issue Date</b> | 2021-11-15 |

**9. Attachments (additional documentations)**

|   |
|---|
| 13121 Public product.pdf<br>13121 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  |
|                         | SPC560B40L5C6E0X        |                          |
|                         | SPC560B50L5C6E0X        |                          |
|                         | SPC560B50L5C6E0Y        |                          |
|                         | SPC560B60L5B6E0X        |                          |
|                         | SPC560B60L5C6E0X        |                          |
|                         | SPC560B64L5C6E0X        |                          |
|                         | SPC560P50L5CEFAR        |                          |
|                         | SPC563M64L5COAR         |                          |
|                         | SPC563M64L5COAY         |                          |
|                         | SPC563M64L7COAR         |                          |
|                         | SPC564A80L7CFAR         |                          |
|                         | SPC564B64L7C9E0X        |                          |
|                         | SPC56EL60L5CBFSY        |                          |
|                         | SPC584B70E5EHC0X        |                          |
|                         | SPC584B70E7NG00X        |                          |
|                         | SPC58EC80E5QMC0Y        |                          |
|                         | SPC58EC80E7QMC0Y        |                          |
|                         | SPC58EE80E7QMHAY        |                          |
|                         | SPC58EE84E7QMSAR        |                          |
|                         | SPC58EG80E5FEC0X        |                          |
|                         | SPC58NE84E7QM HAR       |                          |
|                         | SPC58NE84E7QMSAR        |                          |
|                         | SPC58NH92E7RMI0X        |                          |
|                         | SPC58NN84E7RMHBR        |                          |



## 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 :** SP5xxx MICROCONTROLLERS IN QFP 20X20 AND 24x24 ePAD PACKAGES – NEW RULE FOR BULK LOT COMBINE

**PCI Reference :** ADG/21/13121

**Subject :** Public Products List

Dear Customer,

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

|                  |                   |                  |
|------------------|-------------------|------------------|
| SPC560B54L5C6E0X | SPC584B70E5EHC0X  | SPC58EC80E7QMC0Y |
| SPC56AP60L5CEFAR | SPC564L54L5CBFSR  | SPC584C70E7QMC0X |
| SPC564A80L7COBR  | SPC560B50L5C6E0X  | SPC58EC74E7P000X |
| SPC564A70L7CFAY  | SPC560B40L5C6E0X  | SPC560P54L5BEAAR |
| SPC58NN84E7RMHBR | SPC56EL54L5CBFSY  | SPC584B60E5CD00X |
| SPC560B64L5C6E0X | SPC564L70L5BBOSR  | SPC564A70L7CFAR  |
| SPC58EC80E7G0C0X | SPC58NH92E7HMI0X  | SPC560P50L5CEFAR |
| SPC560B64L7C6E0X | SPC564A80L7CFBR   | SPC584B64E7EDC0Y |
| SPC56EL60L5CBFSY | SPC58EE84E7QMSAR  | SPC574K72E7C6FAY |
| SPC564B64L7C800Y | SPC56EL70L5CBFSY  | SPC56EL60L5CCOSR |
| SPC58EC80E5FMC0X | SPC58NH92E7RMI0X  | SPC56EC70L7C9E0X |
| SPC564A80L7CFAY  | SPC560B50L5C6E0Y  | SPC584B64E7EDC0X |
| SPC58NN84E7YMHBR | SPC584B70E5EHC0Y  | SPC574K70E5C6FAR |
| SPC58NG84E7QEHOY | SPC574K72E7C6FAR  | SPC584B70E5NHC0X |
| SPC574K72E5C6FAR | SPC564A80L7CFAR   | SPC564A80L7CFBY  |
| SPC563M64L5COAY  | SPC584B70E7EHC0X  | SPC56AP60L5CEFAY |
| SPC58EE80E7QMHAH | SPC56EL60L5CBOSR  | SPC58NE84E7QMHAH |
| SPC56EL70L5CBOSR | SPC584B60E5EDC0X  | SPC58EC74E7E0C0X |
| SPC564A70L7COBR  | SPC584B70E7NMC0X  | SPC560B60L5C6E0X |
| SPC564A80L7COBY  | SPC58EG80E5P0H0Y  | SPC58NG84E7QEHOX |
| SPC564A70L7CFBR  | SPC560B60L7B6E0X  | SPC58EG84E5GEC0X |
| SPC560B64L7B6E0X | SPC563M60L5COBR   | SPC560P54L5CEAAR |
| SPC56EL60L5CBFQR | SPC58EG80E5QEHOY  | SPC564L60L5CCFQY |
| SPC563M64L7COBY  | SPC564L60L5BCOQR  | SPC563M64L7COAR  |
| SPC560P60L5CEAAR | SPC58EC80E5EMC0X  | SPC58NN84E7RMHBY |
| SPC560B60L5B6E0Y | SPC584B70E5NMC0X  | SPC564A70L7CFBY  |
| SPC563M64L5COAR  | SPC584B70E7NG00X  | SPC563M60L5COAR  |
| SPC564L70L5BBOSY | SPC58EC80E5QMC0X  | SPC560B54L5B6E0Y |
| SPC564A70L7COBY  | SPC584B70E5CD00X  | SPC56EL54L5CBFSR |
| SPC584B70E7NH00X | SPC564L54L5CBFSY  | SPC58EC80E5QMC0Y |
| SPC560P50L5BEFAR | SPC58EG80E5FEC0X  | SPC560P60L5CEFAR |
| SPC560B60L5B6E0X | SPC58NG80E5QECC0X | SPC56EL60L5CCOSY |
| SPC56EL70L5CBOSY | SPC56EL60L5CBOSY  | SPC56EL60L5CBFQY |
| SPC574K72E5C6FAY | SPC56EC64L7B9E0Y  | SPC584B70E5EMC0X |
| SPC58EC80E7FMC0X | SPC564B74L7B8E0X  | SPC56EC74L7C9ECY |



## Public Products List

|                  |                  |                  |
|------------------|------------------|------------------|
| SPC58EG80E5QEC0X | SPC58NE84E7QMHAY | SPC564B74L7B9ECX |
| SPC56EL70L5CBFSR | SPC56EC64L7B9E0X | SPC564B74L7C8E0X |
| SPC564B70L7B9E0X | SPC58NE84E7QMSAR | SPC58EC80E7QMC0X |
| SPC564L60L5CCFQR | SPC563M64L7COAY  | SPC563M64L7COBR  |
| SPC564B64L7C9E0X | SPC58EG80E5PEC0X | SPC58NE80E7QMHAY |



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