


PRODUCT / PROCESS CHANGE NOTIFICATION

1. PCN basic data

| | | |
|-----------------------------|---|--------------------------------------|
| 1.1 Company |  | STMicroelectronics International N.V |
| 1.2 PCN No. | ADG/18/10842 | |
| 1.3 Title of PCN | Capacity extension with 8' conversion for Ultrafast diodes production line | |
| 1.4 Product Category | 200V to 600V Ultrafast diodes ? 4A (except SMB/SMC/Axial Packages) | |
| 1.5 Issue date | 2018-05-14 | |

2. PCN 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 | Richard RENARD |
| 2.1.2 Marketing Manager | Franck DUCLOS |
| 2.1.3 Quality Manager | Jean-Paul REBRASSE |

3. Change

| | | |
|---------------------|-----------------------------|-----------------------------------|
| 3.1 Category | 3.2 Type of change | 3.3 Manufacturing Location |
| General | Wafer diameter modification | ST Front end site in Tours |

4. Description of change

| | | |
|--|-----------------|-----------------------------------|
| | Old | New |
| 4.1 Description | 6 inches wafers | 6 inches wafers + 8 inches wafers |
| 4.2 Anticipated Impact on form,fit, function, quality, reliability or processability? | no | |

5. Reason / motivation for change

| | |
|-----------------------------|--|
| 5.1 Motivation | to expand the manufacturing capacity of ultrafast diodes |
| 5.2 Customer Benefit | MANUFACTURING FLEXIBILITY |

6. Marking of parts / traceability of change

| | |
|------------------------|-----------------------------------|
| 6.1 Description | internal codification, label code |
|------------------------|-----------------------------------|

7. Timing / schedule

| | |
|--|--------------|
| 7.1 Date of qualification results | 2018-04-11 |
| 7.2 Intended start of delivery | 2018-07-30 |
| 7.3 Qualification sample available? | Upon Request |

8. Qualification / Validation

| | | | |
|---|-------------|-------------------|--|
| 8.1 Description | | | |
| 8.2 Qualification report and qualification results | In progress | Issue Date | |

9. Attachments (additional documentations)

10842 Public product.pdf
10842 PCN Ultrafast_8 inches.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 |
| | STTH10002TV1 | |
| | STTH10002TV2 | |
| | STTH1002CB-TR | |
| 497-3537-5-ND | STTH1002CFP | |
| | STTH1002CG-TR | |
| | STTH1003SB-TR | |
| | STTH100W04CW | |
| | STTH100W06CW | |
| | STTH10LCD06CFP | |
| | STTH10LCD06CT | |
| | STTH10R04G-TR | |
| | STTH1202D | |
| 497-3811-5-ND | STTH120L06TV1 | |
| | STTH120R04TV1 | |
| | STTH12R06D | |
| 497-4403-5-ND | STTH12R06DIRG | |
| | STTH12R06FP | |
| 497-3814-5-ND | STTH12R06G | |
| | STTH12R06G-TR | |
| | STTH12S06FP | |
| | STTH1502DI | |
| | STTH1502FP | |
| | STTH15AC06CFP | |
| | STTH15AC06CT | |
| | STTH15AC06FP | |
| 497-3821-5-ND | STTH15L06D | |
| 497-4404-5-ND | STTH15L06FP | |
| | STTH15L06G-TR | |
| | STTH15R06D | |
| | STTH16003TV1 | |
| | STTH1602CG-TR | |
| 497-3544-5-ND | STTH1602CT | |
| 497-4405-5-ND | STTH16L06CFP | |
| 497-3818-5-ND | STTH16L06CT | |
| | STTH16R04CG-TR | |
| | STTH16R04CT | |
| 497-3819-5-ND | STTH20002TV1 | |
| | STTH20004TV1 | |
| 497-3545-5-ND | STTH2002CFP | |
| 497-3547-5-ND | STTH2002CT | |
| | STTH2002D | |
| | STTH2002DI | |
| | STTH2002G-TR | |
| 497-4407-5-ND | STTH2003CFP | |
| | STTH2003CG-TR | |
| 497-2743-5-ND | STTH2003CT | |
| | STTH200L04TV1 | |

| | | |
|---------------|-----------------|--|
| 497-4408-5-ND | STTH200L06TV1 | |
| | STTH200R04TV1 | |
| | STTH20L03CT | |
| | STTH20R04FP | |
| | STTH20R04G-TR | |
| | STTH20W02CW | |
| 497-3550-5-ND | STTH3002CG | |
| 497-3775-2-ND | STTH3002CG-TR | |
| 497-3551-5-ND | STTH3002CT | |
| 497-3552-5-ND | STTH3002CW | |
| | STTH3002G-TR | |
| | STTH3006PI | |
| | STTH3006W | |
| | STTH30AC06CP | |
| | STTH30AC06CPF | |
| | STTH30AC06CWL | |
| | STTH30ACS06W | |
| | STTH30L06CG-TR | |
| 497-3797-5-ND | STTH30L06CW | |
| | STTH30L06G-TR | |
| 497-4411-5-ND | STTH30L06W | |
| | STTH30R02DJF-TR | |
| | STTH30R04D | |
| | STTH30R04G | |
| | STTH30R04G-TR | |
| | STTH30R04W | |
| | STTH30R06CW | |
| 497-4632-5-ND | STTH30R06PI | |
| 497-4413-5-ND | STTH30R06W | |
| | STTH4R02B-TR | |
| | STTH4R06DEE-TR | |
| | STTH506B-TR | |
| | STTH506D | |
| | STTH50W03CW | |
| 497-3248-2-ND | STTH5L06B-TR | |
| 497-3747-5-ND | STTH5L06FP | |
| | STTH5R06B | |
| | STTH5R06B-TR | |
| | STTH5R06DJF-TR | |
| 497-3249-5-ND | STTH5R06FP | |
| 497-3553-5-ND | STTH6002CW | |
| 497-2720-5-ND | STTH6003CW | |
| | STTH6004W | |
| | STTH6006TV1 | |
| 497-3796-5-ND | STTH60L06TV1 | |
| 497-3799-5-ND | STTH60L06W | |
| | STTH60R04W | |
| | STTH60W03CW | |
| | STTH61R04TV2 | |
| | STTH61W04SW | |
| | STTH802B-TR | |

| | | |
|---------------|--------------|--|
| | STTH802CB-TR | |
| | STTH802D | |
| | STTH802FP | |
| | STTH802G-TR | |
| | STTH803D | |
| 497-4417-2-ND | STTH803G-TR | |
| | STTH806D | |
| | STTH806G-TR | |
| 497-2744-5-ND | STTH8L06D | |
| | STTH8L06FP | |
| 497-3763-2-ND | STTH8L06G-TR | |
| | STTH8R04D | |
| | STTH8R04DI | |
| | STTH8R04G-TR | |
| 497-2745-5-ND | STTH8R06D | |
| 497-4419-5-ND | STTH8R06DIRG | |
| | STTH8R06FP | |
| | STTH8R06G-TR | |
| | STTH8S06D | |
| | STTH8S06FP | |



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

PCN Title : Capacity extension with 8' conversion for Ultrafast diodes production line

PCN Reference : ADG/18/10842

Subject : Public Products List

Dear Customer,

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

| | | |
|----------------|---------------|----------------|
| STTH120L06TV1 | STTH16R04CT | STTH120R04TV1 |
| STTH2002CG-TR | STTH506B-TR | STTH20R04FP |
| STTH2003CFP | STTH30R04G-TR | STTH2002G-TR |
| STTH12R06FP | STTH5L06B-TR | STTH30R04D |
| STTH1602CT | STTH4R02B-TR | STTH802FP |
| STTH30L06CG-TR | STTH1002CFP | STTH12S06FP |
| STTH20R04D | STTH30R04G | STTH15R06D |
| STTH200F04TV1 | STTH60L06TV1 | STTH30W02CW |
| STTH6003CW | STTH802CB-TR | STTH30R06W |
| STTH60SW03CW | STTH200L04TV1 | STTH240F04TV1 |
| STTH803G-TR | STTH5R06D | STTH16R04CG-TR |
| STTH803D | STTH5R06FP | STTH2003CT |
| STTH60L06CW | STTH30R04W | STTH10R04G-TR |
| STTH10002TV1 | STTH8L06G-TR | STTH1502DI |
| STTH20003TV1 | STTH6004W | STTH12R06DIRG |
| STTH806D | STTH806DIRG | STTH1003SB-TR |
| STTH802D | STTH8S06D | STTH1002CT |
| STTH15R06FP | STTH30AC06CWL | STTH60L06W |
| STTH8R06D | STTH60R04W | STTH2002DI |
| STTH20LCD06CFP | STTH8L06D | STTH1202D |
| STTH1602CFP | STTH15AC06CT | STTH61W04SW |
| STTH3002PI | STTH2002CFP | STTH3002CG |
| STTH5L06FP | STTH15AC06FP | STTH2002D |
| STTH8R04G-TR | STTH5R06B-TR | STTH10LCD06CFP |
| STTH6006TV1 | STTH1602CG-TR | STTH16L06CG-TR |
| STTH60W03CW | STTH16L06CT | STTH8R04D |
| STTH10LCD06FP | STTH200R04TV1 | STTH1502D |
| STTH30R06PI | STTH2003CR | STTH3002G-TR |
| STTH6002CPI | STTH30AC06FP | STTH602CT |
| STTH8R06G-TR | STTH3006W | STTH12R06G |
| STTH3002CG-TR | STTH1002CB | STTH20L03CT |
| STTH1202DI | STTH15L06D | STTH30ACS06W |
| STTH1302CG-TR | STTH8L06FP | STTH20R04G-TR |
| STTH4R06DEE-TR | STTH6006W | STTH5R06B |
| STTH200L06TV1 | STTH802B-TR | STTH30AC06CP |
| STTH12R06G-TR | STTH806G-TR | STTH30R06CW |



Public Products List

| | | |
|---------------|---------------|-----------------|
| STTH3002CT | STTH2003CG-TR | STTH10LCD06CT |
| STTH30AC06SP | STTH12R06D | STTH16003TV1 |
| STTH1002CG-TR | STTH2002CT | STTH1002CB-TR |
| STTH100W06CW | STTH100W04CW | STTH61R04TV2 |
| STTH15L06G-TR | STTH802G-TR | STTH3002CW |
| STTH2002CR | STTH16L06CFP | STTH20002TV1 |
| STTH20004TV1 | STTH20W02CW | STTH30R02DJF-TR |
| STTH8S06FP | STTH12003TV1 | STTH8R06DIRG |
| STTH30AC06CPF | STTH10002TV2 | STTH8R04DI |
| STTH3003CW | STTH5L06D | STTH1002CR |
| STTH3006PI | STTH8003CY | STTH50W03CW |
| STTH30L06CW | STTH15AC06CFP | STTH5R06DJF-TR |
| STTH6002CW | STTH8R06FP | STTH15L06FP |
| STTH1502FP | | |



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