


**PRODUCT / PROCESS CHANGE INFORMATION**

**1. PCI basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCI No.</b>	ADG/19/11793	
<b>1.3 Title of PCI</b>	CATANIA CT6 DIFFUSION LINE CONVERSION	
<b>1.4 Product Category</b>	see list	
<b>1.5 Issue date</b>	2019-10-18	

**2. PCI Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ZWICKNAGEL MANUELA
<b>2.1.2 Phone</b>	+49 89460062237
<b>2.1.3 Email</b>	manuela.zwicknagel@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Mario ASTUTI,Maurizio GIUDICE,Maurizio Maria FERRARA,Nicola LIPORACE
<b>2.1.2 Marketing Manager</b>	Stello Matteo BILLE',Serge JUHEL,Michele SCUTO,Anna MOTTESE
<b>2.1.3 Quality Manager</b>	Francesco MINERVA,Vincenzo MILITANO

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
Wafer Fab (Process)	(Not Defined)	ST CT6 Catania - Italy

**4. Description of change**

	Old	New
<b>4.1 Description</b>	CT6 Diffusion Line operative for: - VIPower - IGBT - Power MOSFET-Low Voltage - Power MOSFET-High Voltage - DMOS - LDMOS  Technology Products	CT6 Diffusion Line no longer operative for: - VIPower - IGBT - Power MOSFET-Low Voltage - Power MOSFET-High Voltage - DMOS - LDMOS  Technology Products
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	NA	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	Existing 6" diffusion line in CT6 Fab is going to be fully devoted to different technologies by the end of year 2019. Existing products in the above technologies (ref. IMPACTED PRODUCTS) have been previously dual sourced, transferred to other ST diffusion sites or terminated as per different customer notifications issued during last years. This Information Letter is just to inform CT6 is no longer available for above mentioned technologies and related products
<b>5.2 Customer Benefit</b>	MANUFACTURING FLEXIBILITY

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

<b>6.1 Description</b>	NA
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2019-10-03
<b>7.2 Intended start of delivery</b>	2019-10-03
<b>7.3 Qualification sample available?</b>	Not Applicable

8. Qualification / Validation			
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<b>8.1 Description</b>	11793 Details.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2019-10-18

9. Attachments (additional documentations)			
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11793 Public product.pdf 11793 Details.pdf
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10. Affected parts		
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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
	PD54008L-E	
	PD55003L-E	
	PD57018STR-E	
	PD57018TR-E	
	SD2931-10W	
	SD57045	
	SD57045-01	
	STB35NF10T4	
	STB75NF75LT4	
	STD10NF10T4	
	STD20NF06LT4	
	STD25NF10LA	
	STD30NF06LT4	
	STD7NS20T4	
	STGIPN3H60	
	STN3NF06L	
	VN5160STR-E	
	VN575SPTR-E	
	VN5770AKPTR-E	
	VN820B5TR-E	
	VND5N07TR-E	
	VNN7NV04PTR-E	

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## 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 :** CATANIA CT6 DIFFUSION LINE CONVERSION

**PCI Reference :** ADG/19/11793

**Subject :** Public Products List

Dear Customer,

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

VNB35N07-E	VND5E008AY-E	VND5012AKTR-E
VN920SPTR-E	VNL5160N3TR-E	STB80NF55L-06T4
VNP20N07-E	VN5E050MJ-E	VNQ6040S-E
VND5E050KTR-E	SD4933MR	VND5T050AKTR-E
VB525SPTR-E	VNB20N07TR-E	VB526SPTR-E
STN3NF06L	VN5E010AFHTR-E	VND810PEP-E
PD55008-E	SD57030-01	STRH100N10HYG
VN5E050AJTR-E	VND5T100LAJ-E	VND5E025ASTR-E
VN5E050JTR-E	VND5E050ACJTR-E	VB526SP-E
VND5004ASP30TR-E	STF11NM80	VN5160STR-E
STB85NF55LT4	STRH100N10HYT	VND5N07TR-E
STD20NF06LT4	VN750PT-E	PD85004
STD30NF06T4	VND5E006ASPTR-E	SD3933
VN5E010AHTR-E	VNB14NV04-E	VND5T100LAJTR-E
VND5E004A-E	VNQ6004SATR-E	VNP35N07-E
VNS3NV04DPTR-E	STRH8N10S1	PD55015STR-E
VNB35N07TR-E	PD57030-E	VNQ6040STR-E
VND7NV04-E	VNQ5E250AJTR-E	VND5050KTR-E
VN5E010AFH-E	STB130NS04ZB-1	VNV35N07TR-E
VN820SPTR-E	VNQ5E250AJ-E	VN920SP-E
VNQ5027AKTR-E	VND10N06TR-E	VN5T006ASP-E
VND5T035LAKTR-E	STP35NF10	STP40NF12
VND7NV04TR-E	VNLD5160TR-E	VN5E010AH-E
STD35NF06LT4	VND5E008MYTR-E	STD30NF06LT4
STP150NF55	VNQ6004SA-E	STAC1011-350
VN5E010MHTR-E	VN5770AKP-E	VND5012AK-E
VNQ500PEP-E	VND5160AJ-E	VND3NV04TR-E
VN5772AKTR-E	VND5T035AKTR-E	SD57030
STW11NM80	STD45NF75T4	VND830SP-E
VNQ5E050KTR-E	VN820B5-E	VN5772AK-E
VND5N07-E	VNQ5E050MKTR-E	VN5E010MH-E
VND5E025MK-E	VND5E008AYTR-E	VNB20N07-E
STGD19N40LZ	VN5E160MSTR-E	L99SD01-E
PD20010-E	VN5770AKPTR-E	VNV35N07-E
VNS3NV04PTR-E	VN5010AK-E	VN820PT-E
VNH3SP30TR-E	VND5E004ATR-E	VND14NV04TR-E



## Public Products List

VND1NV04-1-E	VNH5180A-E	VND5E050J-E
VNB35NV04-E	VNQ660SP-E	VNB10N07-E
VNQ690SPTR-E	VND5E160AJTR-E	VN800PTTR-E
VN5T016AHTR-E	SD57045	STAC0912-250
STD20NF10T4	VNH5050A-E	VB525SP-E
STB30NF10T4	VN5E160STR-E	VNQ5027AK-E
STAC1214-250	STD60NF55LT4	STRH40P10HYG
VND5004ATR-E	VN5T016AH-E	STD60NF55LAT4
PD54008TR-E	VNQ6040CSTR-E	STAP85025S
VND5E025LKTR-E	STD26NF10	VND5E004A30TR-E
VND5E012AYTR-E	VN5T006ASPTR-E	VND5004A-E
VND5E025AK-E	STGIPN3H60A	VND5T100LASTR-E
VNP35NV04-E	VN5E016AFHTR-E	VPS2535HTR
VN750B5TR-E	VN5E006ASPTR-E	VND600SP-E
STRH40P10HY1	STS5DNF60L	STD70NS04ZL
VN5E050AJ-E	VND5T100AJ-E	VNQ660SPTR-E
VNV20N07TR-E	PD85025-E	VN5R003H-E
PD57045TR-E	STB85NF55T4	PD55008TR-E
VND5T100AJTR-E	VNQ5E050MK-E	STB60NF06LT4
VND14NV04-E	VND5E160MJ-E	STAC3932B
VNQ500PEPTR-E	VND830PTR-E	VN750PTTR-E
STRH100N6HYT	VND600SPTR-E	PD55025S-E
STD7NS20T4	STRH40N6SG	STP16NF06L
VND5050AKTR-E	SD2933W	VNQ830P-E
VNQ830PTR-E	VNQ5E160AK-E	PD85015-E
VND3NV04-E	VNB35NV04TR-E	STAC9200
VNN7NV04PTR-E	VNN1NV04PTR-E	VND810P-E
VNL5160S5TR-E	PD55015TR-E	VNQ690SP-E
STS6NF20V	STGIPQ3H60T-HZ	STU6NF10
VND5E050MCJTR-E	VND5T016ASP-E	VN920B5-E
VNQ5E160K-E	STGB18N40LZT4	VNB14NV04TR-E
VND7012AYTR	PD85006L-E	STD25NF10LA
STGD18N40LZT4	STP120NF10	SD2942W
VND5E050K-E	SD4933	SD2943W
STB35NF10T4	VNS14NV04PTR-E	VND5E050MCKTR-E
VND5E160AJ-E	VND5160J-E	PD20015-E
L99SD01TR-E	VND5E006ASP-E	VNS1NV04PTR-E
PD20010TR-E	VN750B5-E	VN5E160ASTR-E
VND5T016ASPTR-E	VNL5050N3TR-E	VND5E025MKTR-E
VND5T035AK-E	VND600P-E	VN5MB02TR-E
STP30NF10	SD57045-01	VNQ5E160KTR-E
STAC2942BW	VNQ5E050K-E	STD10NF10T4
VND5160JTR-E	VND10N06-E	PD54008-E
VND5E025AY-E	VNP5N07-E	VNV10N07TR-E
PD57060S-E	VN5E006ASP-E	VND5160AJTR-E
LET9045C	LET9045F	VN5E160ASO-E
VNB10N07TR-E	VNS1NV04DPTR-E	VND830SPTR-E
STD25NF10T4	VN7007AHTR	STD12NF06L-1
VN5E016AHTR-E	LET9120	PD85006TR-E
STB80NF03L-04T4	STB200NF03T4	VNP8TD8



## Public Products List

VND5E025LK-E	VND5E012AY-E	STP200NF03
STRH12P10GYG	PD55025-E	PD84008L-E
VNQ600APTR-E	VND5E025AYTR-E	VND5T050AK-E
PD55015S-E	PD57018STR-E	VNL5050S5TR-E
VN820SP-E	PD55003S-E	VND5050AJ-E
STRH8N10SG	STRH100N6HY1	PD55025TR-E
SD56060	VNH5180ATR-E	STGIPN3H60T-H
STP11NM80	VND5E160MJTR-E	PD54003-E
PD55003-E	STS7NF60L	STRH40P10HYT
VND5004BSP30TR-E	VND5E025AKTR-E	VN820PTTR-E
STS5NF60L	VNP10N07-E	STD25NF10LT4
VND5E160J-E	VNS7NV04PTR-E	VNQ600AP-E
PD85035S-E	VNN3NV04PTR-E	STD12NF06T4
VN750SMPTR-E	VNH5200ASTR-E	VN5E016AH-E
PD55015-E	STGD5NB120SZT4	PD57018S-E
STRH12P10GYT	STGY50NC60WD	STGIPN3H60
VN920B5TR-E	VN5010AKTR-E	STP85NF55
VNH5200AS-E	VNH5050ATR-E	VN5E160ASOTR-E
PD84006L-E	PD57018-E	VND5E160JTR-E
STD6NF10T4	VN5R003HTR-E	STGIPNS3HD60-H
VN820B5TR-E	PD55008S-E	SD2931-12MR
STP14NF10	STAC4932F	STGIPN3H60AT
STRH100N6HYG	STEF05DPUR	VNH5019ATR-E
STGIPQ3H60T-HLS	PD84002	PD55003TR-E
STN2NF10	VN7007ALHTR	STGD5NB120SZ-1
STRH12P10GY1	STGIPN3HD60-H	PD54008L-E
STB11NM80T4	PD57060TR-E	STB75NF75LT4
PD85035-E	STGB10NB40LZT4	PD85015TR-E
IRF630	VNV10N07-E	VND5050AJTR-E
VND5E050JTR-E	VN750PSTR-E	VNQ5E160AKTR-E
VN5E050J-E	VN5MB02-E	STB16NF06LT4
VND5E012MYTR-E	PD85015TRM-E	PD57060-E
STP80NF55-06	PD57045-E	VN5E016MHTR-E
PD57018TR-E	VND830P-E	STB120NF10T4
SD3931-10	SD2931-10W	VND5T035LAK-E
VNQ600PTR-E	STP55NF06L	STGIPNS3H60T-H
STGB20NB41LZT4	STRH40N6S1	STN4NF06L
VNQ600P-E	PD85025TR-E	STAC4932B
PD84001	STGIPQ3H60T-HZS	STP16NF06
STS4DNF60L	VND5N07-1-E	STEF05PUR
VND600PTR-E	VNQ5E160MKTR-E	STRH100N10HY1
VND5050AK-E	VND810PEPTR-E	VND5E025AS-E
VND5E050ACKTR-E	VN5E050MJTR-E	STB60NF06T4
VN800PT-E	STAC3932F	STS2DNF30L
VN5E016MH-E	STN3NF06	PD57030S-E
STP180NS04ZC	SD2941-10W	SD2932W
STI55NF03L	PD55003L-E	STP36NF06L
VND5T100LAS-E		



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## PRODUCT/PROCESS CHANGE INFORMATION

SUBJECT	CATANIA CT6 DIFFUSION LINE CONVERSION
<b>IMPACTED PRODUCTS</b>	<p>All ST product lines diffused in Catania CT6 6" Fab in the following technologies:</p> <ul style="list-style-type: none"> <li> VIPower</li> <li> IGBT</li> <li> Power MOSFET - Low Voltage</li> <li> Power MOSFET - High Voltage</li> <li> DMOS</li> <li> LDMOS</li> </ul>
<b>MANUFACTURING STEP</b>	Silicon Diffusion
<b>INVOLVED PLANT</b>	ST Catania Fab CT6 (6" Diffusion Line)
<b>CHANGE REASON</b>	<p>Existing 6" diffusion line in CT6 Fab is going to be fully devoted to different technologies by the end of year 2019. Existing products in the above technologies (ref. IMPACTED PRODUCTS) have been previously dual sourced, transferred to other ST diffusion sites or terminated as per different customer notifications issued during last years. This Information Letter is just to inform CT6 is no longer available for above mentioned technologies and related products.</p>
<b>CHANGE DESCRIPTION</b>	Not applicable – notification about CT6 Fab unavailability following past products dual sourcing or transfer
<b>TRACEABILITY</b>	Not applicable
<b>VALIDATION</b>	Not applicable
<b>CURRENT PRODUCTS</b>	Transferred to other ST diffusion Fabs
<b>REPORTS</b>	Not applicable.