

## PRODUCT TERMINATION NOTIFICATION

### 1. PTN basic data

1.1 Company		STMicroelectronics International N.V.
1.2 PTN No.		ADG/17/10140
1.3 Title of PTN		Rationalization of low activity products
1.4 Product Category		All business units
1.5 Issue date		2017-06-02

### 2. PTN 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

### 3. Description of Termination

3.1 Product Source Type	STANDARD MULTIPLE SOURCE
3.2 Description	Product portfolio rationalization
3.3 Reason For Termination	PRODUCT OFFER RATIONALIZATION
3.4 Replacement Types	

### 4. Timing / schedule

4.1 Last Order Entry Date	2017-11-16
4.2 Last Order Delivery Date	2018-05-16
4.3 Comments	

### 5. Attachments (additional documentations)

10140 Public product.pdf 10140 PTN_ratio 2017.pdf
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### 6. Affected parts

6.1 Parts Terminated		6.2 Suggested Replacement Parts (if applicable)
6.1.1 Customer Part No.	6.1.2 Supplier Part No.	6.2.1 Supplier Part No.
	SMA6F13A-TR	
TPI12011N	TPI12011N	
1.5KE22CA	1.5KE22CA	
	STPS20M100SFP	
BTA10-400CRG	BTA10-400CRG	BTA10-600CRG
1.5KE56CARL	1.5KE56CARL	
	STTH8006W	
	STPS20L60CTN	
	STPS20120CTN	
	EMIF05-SK01F3	
	ESDALC6-4N4	
STPS30L45CR	STPS30L45CR	
STPS3030CG	STPS3030CG	

	STTH1R04Q	
P6KE68A	P6KE68A	
	STTH20L03CG-TR	
	STPS10SM80CFP	
	EMIF08-0402T16	
	BAL-2690D3U	
	EMIF05-AUD02F3	
	STPS30SM100SR	
	RBO08-40G-TR	
BZW04-33	BZW04-33	
	DIP2450-01D3	
	P6KE82CA	
	P6KE15CARL	
BTA16-700BWRG	BTA16-700BWRG	BTA16-800BWRG
	STPS30M100SR	
	STPS40SM100CG-TR	
STPS15L30CB	STPS15L30CB	
1.5KE43A	1.5KE43A	
	STTH200W03TV1	
SM15T75A	SM15T75A	
	EMIF06-1502M12	
	ESDALC5-4BN4	
	STTH5L04DEE-TR	
	EMIF04-1502M8	
	SATAULC6-2M6	
1.5KE150CA	1.5KE150CA	
	STPS40L45CG	
STTH5R06G-TR	STTH5R06G-TR	
STPS3045CG	STPS3045CG	
	STPS20SM120STN	
P6KE12ARL	P6KE12ARL	
STTH8L06G	STTH8L06G	
	EMIF03-SIM02F2	
	STPTIC-27L1M6	
	USBULC6-2F3	
	STTH50W06SW	
STPS660CB-TR	STPS660CB-TR	
	EMIF03-SIM04F3	
	SMA4F5.0A-TR	
	STTH802G	
BZW06-13RL	BZW06-13RL	
P6KE150CA	P6KE150CA	
STTH2003CG	STTH2003CG	
BTA10-400BRG	BTA10-400BRG	BTA10-600BRG
STPS8H100G	STPS8H100G	
	1.5KE18CARL	
	STPS20SM80CFP	
	EMIF08-1005T16	
	EMIF06-USD05F3	
1.5KE75CA	1.5KE75CA	
BZW04-239RL	BZW04-239RL	

	SMX1J7.5A-TR	
	1.5KE130CA	
1.5KE33ARL	1.5KE33ARL	
STPS3030CT	STPS3030CT	
	ECMF04-4AMX12	
SM15T10A	SM15T10A	
	STTH200W04TV1	
	STTH16BC065CT	STTH16L06CT
	ECMF02-3HSM6	
STPS3L25S	STPS3L25S	
	1.5KE56ARL	
	P6KE39ARL	
	STTH3002W	
1.5KE82CA	1.5KE82CA	
	EMIF10-LCD02F3	
	STTH200W06TV1	
	P6KE10A	
1.5KE24A	1.5KE24A	
BTA12-700BRG	BTA12-700BRG	BTA12-800BRG
	P6KE68ARL	
	EMIF08-1502M16	
	CPL-WB-00D3	
	EMIF02-MIC06F3	
1.5KE7V5CA	1.5KE7V5CA	
	ESDA6V1-5T6	
	STTH60W02CW	
1.5KE120CA	1.5KE120CA	
	EMIF07-LCD02F3	
	STPS30L60CTN	

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## PTN

# Product/Process Termination Notification

### Rationalization of low activity products

Notification number:	ADG-DIS/17/10140	Issue Date	19/05/2017
Issued by	Aline AUGIS		
Why this product termination?	Product portfolio rationalization		

#### Replacement scheme

Although the replacement parts have been selected for optimal replacement of the parts in termination, our customers should verify their correct suitability in the applications.

Any custom part number not expressly mentioned in the current document, is included in this PTN and will be terminated as such.

Commercial part number	Product family	Package	Replacement
1.5KE120CA	Protection	DO201	
1.5KE130CA	Protection	DO201	
1.5KE150CA	Protection	DO201	
1.5KE18CARL	Protection	DO201	
1.5KE22CA	Protection	DO201	
1.5KE24A	Protection	DO201	
1.5KE33ARL	Protection	DO201	
1.5KE33CARL	Protection	DO201	
1.5KE43A	Protection	DO201	
1.5KE56ARL	Protection	DO201	
1.5KE56CARL	Protection	DO201	
1.5KE75CA	Protection	DO201	
1.5KE7V5ARL	Protection	DO201	
1.5KE7V5CA	Protection	DO201	
1.5KE82CA	Protection	DO201	
BAL-2690D3U	IPAD	Flip Chip	
BTA10-400BRG	THYRISTORS/TRIACS	TO220 I	BTA10-600BRG
BTA10-400CRG	THYRISTORS/TRIACS	TO220 I	BTA10-600CRG
BTA12-700BRG	THYRISTORS/TRIACS	TO220 I	BTA12-800BRG
BTA16-700BWRG	THYRISTORS/TRIACS	TO220 I	BTA16-800BWRG
BZW04-15	Protection	DO15	
BZW04-239RL	Protection	DO15	

(1) ADG: Automotive and Discretes Group - ASD: Application Specific Device – IPAD™: Integrated Passive and Active Devices

<b>BZW04-33</b>	Protection	DO15	
<b>BZW04-37B</b>	Protection	DO15	
<b>BZW04-70B</b>	Protection	DO15	
<b>BZW04-7V8BRL</b>	Protection	DO15	
<b>BZW06-13B</b>	Protection	DO15	
<b>BZW06-13RL</b>	Protection	DO15	
<b>BZW06-23B</b>	Protection	DO15	
<b>BZW06-376RL</b>	Protection	DO15	
<b>BZW06-48B</b>	Protection	DO15	
<b>BZW06-5V8BRL</b>	Protection	DO15	
<b>CLP30-200B1RL</b>	Protection	SO 8	
<b>CPL-WB-00C2</b>	Protection	Flip Chip	
<b>CPL-WB-00D3</b>	Protection	Flip Chip	
<b>DIP2450-01D3</b>	IPAD	Flip Chip	
<b>ECMF02-3HSM6</b>	IPAD	µQFN-6L	
<b>ECMF04-4AMX12</b>	IPAD	µQFN-12L	
<b>ECMF06-6AM16</b>	IPAD	µQFN-16L	
<b>EMIF01-1003M3</b>	IPAD	SOT-883	
<b>EMIF02-MIC02F2</b>	IPAD	Flip Chip	
<b>EMIF02-MIC02F3</b>	IPAD	Flip Chip	
<b>EMIF03-SIM02F2</b>	IPAD	Flip Chip	
<b>EMIF03-SIM04F3</b>	IPAD	Flip Chip	
<b>EMIF04-1502M8</b>	IPAD	QFN-8L	
<b>EMIF06-1502M12</b>	IPAD	QFN-12L	
<b>EMIF06-1005N12</b>	IPAD	µQFN-12L	
<b>EMIF06-USD05F3</b>	IPAD	Flip Chip	
<b>EMIF07-LCD02F3</b>	IPAD	Flip Chip	
<b>EMIF08-1502M16</b>	IPAD	QFN-16L	
<b>EMIF08-0402T16</b>	IPAD	µQFN-16L	
<b>EMIF08-1005T16</b>	IPAD	µQFN-16L	
<b>EMIF10-1K010F2</b>	IPAD	Flip Chip	
<b>EMIF10-LCD02F3</b>	IPAD	Flip Chip	
<b>ESDA6V1-5T6</b>	Protection	µQFN-6L	
<b>ESDALC6-4N4</b>	Protection	µQFN-4L	
<b>HDMIULC6-2M6</b>	Protection	µQFN-6L	
<b>ITA6V5C1RL</b>	Protection	SO 8	
<b>P0118DA 5AL3</b>	THYRISTORS/TRIACS	TO92	P0118MA 5AL3
<b>P6KE10A</b>	Protection	DO15	
<b>P6KE12ARL</b>	Protection	DO15	
<b>P6KE150CA</b>	Protection	DO15	
<b>P6KE15CARL</b>	Protection	DO15	
<b>P6KE250CARL</b>	Protection	DO15	

(1) ADG: Automotive and Discretes Group - ASD: Application Specific Device – IPAD™: Integrated Passive and Active Devices

<b>P6KE39ARL</b>	Protection	DO15	
<b>P6KE440CARL</b>	Protection	DO15	
<b>P6KE68A</b>	Protection	DO15	
<b>P6KE68ARL</b>	Protection	DO15	
<b>P6KE82CA</b>	Protection	DO15	
<b>RBO08-40G-TR</b>	Protection	TO220 NI	
<b>SATAULC6-2M6</b>	Protection	µQFN-6L	
<b>SM15T10A</b>	Protection	SMC	
<b>SM15T75A</b>	Protection	SMC	
<b>SMA4F5.0A-TR</b>	Protection	SMA-FLAT	
<b>SMA6F13A-TR</b>	Protection	SMA-FLAT	
<b>SMTYF5.0A</b>	Protection	SMA-FLAT	
<b>SMX1J7.5A-TR</b>	Protection	µQFN-2L	
<b>STPS10SM80CFP</b>	RECTIFIERS	TO220 ISOL. FULL PACK	
<b>STPS15L30CB</b>	RECTIFIERS	DPAK	
<b>STPS20120CTN</b>	RECTIFIERS	TO220 PWR	
<b>STPS20200CTN</b>	RECTIFIERS	TO220 PWR	
<b>STPS20L60CTN</b>	RECTIFIERS	TO220 PWR	
<b>STPS20M100SFP</b>	RECTIFIERS	TO220 ISOL. FULL PACK	
<b>STPS20SM120SR</b>	RECTIFIERS	TO220 PWR	
<b>STPS20SM120STN</b>	RECTIFIERS	TO220 PWR	
<b>STPS20SM80CFP</b>	RECTIFIERS	TO220 ISOL. FULL PACK	
<b>STPS3030CG</b>	RECTIFIERS	D2PAK	
<b>STPS3030CT</b>	RECTIFIERS	TO220 PWR	
<b>STPS3045CG</b>	RECTIFIERS	D2PAK	
<b>STPS30L45CR</b>	RECTIFIERS	TO220 PWR	
<b>STPS30L60CTN</b>	RECTIFIERS	TO220 PWR	
<b>STPS30M100SR</b>	RECTIFIERS	TO220 PWR	
<b>STPS30M120SR</b>	RECTIFIERS	TO220 PWR	
<b>STPS30M120STN</b>	RECTIFIERS	TO220 PWR	
<b>STPS30SM100SR</b>	RECTIFIERS	TO220 PWR	
<b>STPS30SM120SR</b>	RECTIFIERS	TO220 PWR	
<b>STPS30SM120STN</b>	RECTIFIERS	TO220 PWR	
<b>STPS3L25S</b>	RECTIFIERS	SMC	
<b>STPS40L45CG</b>	RECTIFIERS	D2PAK	
<b>STPS40M120CR</b>	RECTIFIERS	TO220 PWR	
<b>STPS40M120CTN</b>	RECTIFIERS	TO220 PWR	
<b>STPS40SM100CG-TR</b>	RECTIFIERS	D2PAK	
<b>STPS660CB-TR</b>	RECTIFIERS	DPAK	
<b>STPS8H100G</b>	RECTIFIERS	D2PAK	
<b>STTH120R04TV2</b>	RECTIFIERS	ISOTOP	
<b>STTH1R04Q</b>	RECTIFIERS	DO15	

(1) ADG: Automotive and Discretes Group - ASD: Application Specific Device – IPAD™: Integrated Passive and Active Devices

<b>STTH1R04RL</b>	RECTIFIERS	DO41	
<b>STTH2002CG</b>	RECTIFIERS	D2PAK	
<b>STTH2003CG</b>	RECTIFIERS	D2PAK	
<b>STTH200W03TV1</b>	RECTIFIERS	ISOTOP	
<b>STTH200W04TV1</b>	RECTIFIERS	ISOTOP	
<b>STTH200W06TV1</b>	RECTIFIERS	ISOTOP	
<b>STTH20L03CG-TR</b>	RECTIFIERS	D2PAK	
<b>STTH3002W</b>	RECTIFIERS	TO247	
<b>STTH30S06W</b>	RECTIFIERS	TO247	
<b>STTH30W03CW</b>	RECTIFIERS	TO247	
<b>STTH506B</b>	RECTIFIERS	DPAK	
<b>STTH50W06SW</b>	RECTIFIERS	TO247	
<b>STTH5L04DEE-TR</b>	RECTIFIERS	PowerFLAT 3.3x3.3	
<b>STTH5R06G-TR</b>	RECTIFIERS	D2PAK	
<b>STTH60W02CW</b>	RECTIFIERS	TO247	
<b>STTH8006W</b>	RECTIFIERS	TO247	
<b>STTH802G</b>	RECTIFIERS	D2PAK	
<b>STTH8L06G</b>	RECTIFIERS	D2PAK	
<b>T1610T-6I</b>	THYRISTORS/TRIACS	TO220 I	T1610T-8I
<b>T1620T-6I</b>	THYRISTORS/TRIACS	TO220 I	T1620T-8I
<b>T410-400T</b>	THYRISTORS/TRIACS	TO220 NI	T410-800T
<b>TPI12011N</b>	Protection	SO 8	
<b>USBULC6-3F3K</b>	Protection	Flip Chip	
<b>EMIF02-AV01F3</b>	IPAD	Flip Chip	
<b>EMIF02-MIC06F3</b>	IPAD	Flip Chip	
<b>EMIF05-AUD01F3</b>	IPAD	Flip Chip	
<b>EMIF05-AUD02F3</b>	IPAD	Flip Chip	
<b>EMIF05-SK01F3</b>	IPAD	Flip Chip	
<b>ESDALC5-4BN4</b>	Protection	µQFN-4L	
<b>USBULC6-2F3</b>	Protection	Flip Chip	
<b>USBULC6-2F3K</b>	Protection	Flip Chip	

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**Product maturity management**

Parts in end of life are affected to maturity code 50 in order to stop the delivery of samples and to avoid their use in new designs.

Samples of suggested replacement devices are available on request.

**Termination schedule**

<b>Last time sampling</b>	16/05/2017
<b>Last time buy orders</b>	16/11/2017
<b>Last time delivery (shipments)</b>	16/05/2018
<b>Last time in contracts</b>	<b>2017 and further contracts</b>



## 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

**PTN Title :** Rationalization of low activity products

**PTN Reference :** ADG/17/10140

**Subject :** Public Products List

Dear Customer,

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

P6KE150CA	CPL-WB-00D3	P6KE12ARL
EMIF06-USD05F3	EMIF10-1K010F2	STPS30L45CR
STPS8H100G	SM15T75A	STPS30M100SR
STTH802G	STPS30L60CTN	1.5KE120CA
STTH20L03CG-TR	STPS20200CTN	STPS40SM100CG-TR
P6KE68A	STPS20SM80CFP	BZW04-7V8BRL
BZW06-48B	EMIF08-1005T16	STPS3L25S
STTH1R04Q	STTH1R04RL	STPS40M120CTN
STTH2002CG	STTH200W06TV1	EMIF07-LCD02F3
BZW06-13B	1.5KE33ARL	1.5KE150CA
STPS20M100SFP	STPS30SM100SR	P6KE15CARL
SM15T10A	CPL-WB-00C2	P6KE440CARL
STPS20SM120SR	STPS3045CG	ECMF04-4AMX12
DIP2450-01D3	1.5KE43A	BZW04-15
BZW06-13RL	STTH5L04DEE-TR	TPI12011N
1.5KE130CA	STPS20L60CTN	STPS3030CT
EMIF05-SK01F3	USBULC6-2F3	EMIF08-0402T16
EMIF06-1005N12	ECMF02-3HSM6	STPS30SM120STN
1.5KE24A	STPS40M120CR	STTH506B
EMIF02-AV01F3	EMIF10-LCD02F3	STPS40L45CG
STPS10SM80CFP	1.5KE33CARL	STPS20120CTN
BZW06-23B	STPS15L30CB	T1620T-6I
BZW04-33	EMIF04-1502M8	SATAULC6-2M6
BZW04-70B	EMIF06-1502M12	STTH60W02CW
STTH3002W	BZW06-5V8BRL	ESDA6V1-5T6
T1610T-6I	STPS30SM120SR	1.5KE56ARL
EMIF02-MIC02F2	STPS20SM120STN	STTH8L06G
CLP30-200B1RL	EMIF03-SIM02F2	P6KE39ARL
STTH50W06SW	1.5KE56CARL	EMIF01-1003M3
BZW06-376RL	EMIF02-MIC06F3	RBO08-40G-TR
STPS660CB-TR	STPS30M120STN	EMIF03-SIM04F3
1.5KE82CA	1.5KE75CA	HDMIULC6-2M6
STPS30M120SR	SMX1J7.5A-TR	ESDALC5-4BN4
STTH120R04TV2	1.5KE7V5CA	P6KE250CARL
P6KE82CA	STTH2003CG	1.5KE22CA
EMIF02-MIC02F3	BAL-2690D3U	BZW04-37B



## Public Products List

1.5KE7V5ARL	STTH30W03CW	EMIF08-1502M16
STTH5R06G-TR	STTH30S06W	1.5KE18CARL
BZW04-239RL	EMIF05-AUD02F3	STTH8006W
STPS3030CG	STTH200W03TV1	ESDALC6-4N4
P6KE10A	STTH200W04TV1	



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