



PRODUCT TERMINATION NOTIFICATION

PTN IPD-DIS/12/7071
Notification Date 03/08/2012

IPD - ASD & IPAD Division
Rectifiers, Protection and IPAD Devices
Termination of low activity devices

Table 1. Termination Implementation Schedule

Forecasted date of STMicroelectronics 'alternative products replacement' for customer	01-Mar-2012
Last Order entry date (6 months from the notice for final shipment according to JEDEC standard JESD48-A 'Product Discontinuance')	08-Sep-2012
Last Order delivery date (12 months from the notice for final shipment according to JEDEC standard JESD48-A 'Product Discontinuance')	08-Mar-2013

Table 2. Termination Identification

Product Identification Commercial Product(s) to be terminated	Rectifiers, Protection and IPAD Devices
Reason for termination	rationalization of the product portfolio
Alternate product(s) replacement	See attached

Table 3. List of Attachments

Customer Part numbers list	
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DOCUMENT APPROVAL

Name	Function
Paris, Eric	Division Marketing Manager
Duclos, Franck	Division Product Manager



**PRODUCT TERMINATION
NOTIFICATION**

PTN IPD-DIS/12/7071

IPD - ASD & IPAD Division¹

Rectifiers, Protection and IPAD Devices:

Termination of low activity devices

(1) IPD: Industrial, Power & Discretes - ASD: Application Specific Device - IPAD: Integrated Passive and Active Devices

WHY THIS PRODUCT TERMINATION?

The permanent evolution of the product family ranges sustained by the introduction of new products and the constant trend for more compact packages, rapidly make some **older products obsolete**.

With the concern of maintaining an optimal product offer with the best service, STMicroelectronics announces the termination of some **Rectifiers, IPAD and Protection Devices** for **rationalization** reason.

According to ST's termination process, the parts in end of life (EOL) have been affected a special maturity code (50) in order to **stop the delivery of samples** and consequently to avoid their use in new designs.

Specific devices not expressly listed in the attached table are included in customer dedicated product lists.

REPLACEMENT SCHEME

Replacement products, whether direct or similar, are proposed whenever possible. Suggested parts for replacement are annexed to the present document.

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**.

We recommend our customers to place their last time buy order for the products in termination from now on.

TERMS AND CONDITIONS

Last buy orders will be accepted till beginning of **September 2012**. Detailed **phase-out schedule** is provided in the table below.

Last time sampling	
Parts in termination are not allowed for sampling since	<i>March 01, 2012</i>
Last time buy (orders)	
Orders for the discontinued products will be accepted until	<i>September 08, 2012</i>
Last time delivery (shipments)	
Products in termination will be delivered at the latest until	<i>March 08, 2013</i>
Last time in contracts	
Discontinued products must not be included into	<i>2012 and further contracts</i>

Appendix 1: Suggested Replacement Parts List.

Appendix 1

Suggested Replacement Parts List

Parts	Package	Description	Suggested Part for Replacement	
			Direct	Nearest
1.5KE100CARL	DO201	Transil 1500 W bidirectional	1.5KE100CA	
1.5KE150CARL	DO201	Transil Std 1500W bi	1.5KE150CA	
1.5KE15ARL	DO201	Transil 1500 W unidirectional	1.5KE15A	
1.5KE180ARL	DO201	Transil 1500 W unidirectional	1.5KE180A	
1.5KE200CARL	DO201	Transil 1500 W bidirectional	1.5KE200CA	
1.5KE220ARL	DO201	Transil 1500 W unidirectional	1.5KE220A	
1.5KE220CARL	DO201	Transil 1500 W bidirectional	1.5KE220CA	
1.5KE27ARL	DO201	Transil Std 1500W uni	1.5KE27A	
1.5KE30CARL	DO201	Transil 1500 W bidirectional	1.5KE30CA	
1.5KE62ARL	DO201	Transil 1500 W unidirectional	1.5KE62A	
1.5KE7V5CARL	DO201	Transil 1500 W bidirectional	1.5KE7V5CA	
1.5KE82CARL	DO201	Transil 1500 W bidirectional	1.5KE82CA	
BZW06-26B	DO15	Transil 600 W bidirectional	P6KE30CA	
BZW06-31	DO15	Transil 600 W unidirectional	P6KE36A	
BZW50-100	AG	Transil 5 kW unidirectional		BZW50-100B
BZW50-150RL	AG	Transil 5 kW bidirectional	BZW50-150	
BZW50-68RL	AG	Transil 5 kW unidirectional	BZW50-68B	
ESDALC6V1F2	DICE - BUMPED DICE	ESD Array Low Capacitance unidirectional		ESDA14V2-4BF2
LFTVS7-1F3	DICE - BUMPED DICE	Low Forward voltage TVS		LFTVS10-1F3
P6KE18ARL	DO15	Transil 600 W unidirectional	P6KE18A	
P6KE220CARL	DO15	Transil Std 600W HV bi	P6KE220CA	
P6KE400CARL	DO15	Transil 600 W bidirectional	P6KE400CA	
P6KE56ARL	DO15	Transil Std 600W uni	P6KE68A	
P6KE68CARL	DO15	Transil Std 600W bi	P6KE68CA	
P6KE6V8ARL	DO15	Transil 600 W unidirectional	P6KE6V8A	
P6KE6V8CARL	DO15	Transil 600 W bidirectional	P6KE6V8CA	
SMAJ22CA-TR	SMA	Transil 600 W bidirectional	SMAJ20CA-TR	
SMTYF12A	SMA-FLAT	Low Forward voltage TVS		SMA6F13A-TR
TLP200G-1	TO220 NI	Slic Protection - 100 A 10/1000 µs		SMP100LC-160
STPS20L45CG	D2PAK	Pwr Schottky 2x10A 45V Low Vf		STPS2045CGC
STTH1004SG-TR	D2PAK	Ufast Diode 2x5A 400V PDP		STTH1003SG-TR
STTH10LCD06CFP	TO220 ISOL. FULL PACK	600V LCD PFC diode		STTH10LCD06FP
STTH10LCD06CG-TR	D2PAK	600V LCD PFC diode		STTH10LCD06G
STTH16R04CG	D2PAK	Ufast Diode 16A 400V Low trr		STTH16R06CG-TR
STTH20LCD06CT	TO220 PWR	600V LCD PFC diode		STTH10LCD06D
STTH20R04W	TO247	Ufast Diode 20A 400V Low trr		N/A
STTH30R04PI	TOP3/DOP3	Ufast Diode 30A 400V Low trr		STTH30R04W
STTH310-C2	DO27	Ufast Diode 3A 1000V		STTH310RL
STTH60L04W	TO247	Ufast Diode 60A 400V Low Vf		STTH6004W
STTH60L06TV2	ISOTOP	Ufast Diode 2x30A 600V Low Vf		STTH60L06TV1
STPS16L40CT	TO220 PWR	Pwr Schottky 2x8A 40V Low Vf		STPS16L45CT
STPS20L40CFP	TO220 ISOL. FULL PACK	Pwr Schottky 2x10A 40V Low Vf		STPS20LCD45CFP
STPS30L40CT	TO-220	Pwr Schottky 2x15A 40V Low Vf		STPS3045CTC
STPS30L40CW	TO-247	Pwr Schottky 2x15A 40V Low Vf		STPS3045CWC
STPS40L40CT	TO220 PWR	Pwr Schottky 2x20A 40V Low Vf		STPS4045CT
STPS40L40CW	TO247	Pwr Schottky 2x20A 40V Low Vf		STPS4045CW
STPS60L40CW	TO247	Pwr Schottky 2x30A 40V Low Vf		STPS61L45CW
STPS50U100CT	TO220 PWR	100V ULVF Power Schottky		STPS40M100CT
STPS30U100DJF-TR	POWER FLAT 5x6	100V Power Schottky diode		STPS30M100DJF-TR
STPS50U100CG-TR	D2PAK	100V ULVF Power Schottky		STPS40SM100CG-TR
STPS50U100CR	TO220 PWR	100V ULVF Power Schottky		STPS40M100CR
EMIF04-VID01F2	DICE - BUMPED DICE	EMI Filter 4-line for video		EMIF04-1502M8
EMIF06-10006F2	DICE - BUMPED DICE	EMI Filter 6-line bot connec		EMIF06-1002F2
EMIF06-AUD01F2	DICE - BUMPED DICE	EMI Filter 6-line for audio		EMIF02-MIC07F3
EMIF06-SD02F3	DICE - BUMPED DICE	EMI Filter LDO 6-line SD Card		EMIF06-SD03F3
STCC05-BD4	PDIP 20 (0.25)	Ctrl circuit for home appl. 18V		N/A
BAL-2593D5U	DICE - BUMPED DICE	Balun with impedance matching		N/A
BAT30LFILM	SOD 923	30V Signal Schottky		N/A
EMIF07-LCD03F3	DICE - BUMPED DICE	EMI Filter 7-line for LCD		EMIF07-LCD02F3
EMIF10-LCD03F3	DICE - BUMPED DICE	EMI Filter 10-line for LCD		EMIF10-LCD02F3

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