

PCI SUMMARY	
Sales type / product family	BYV54 series
Customer (s)	All
Type of change	Termination of selected no sales products
Reason for change	Die fabrication stopped + Low die stock
Description of the change	See attached
Forecasted date of change	See attached
Availability date of samples for customer	See attached
Forecasted date for internal STMicroelectronics change qualification report availability	N/A
Marking to identify changed product (ex: date code change)	N/A
Description of the evaluation and qualification program	N/A
Product Line(s) and/or Part Number(s)	See attached
Manufacturing location(s)	ST - Rennes plant
Estimated date of first shipment	N/A

PCI APPROVAL		
Rennes Product Engineering Mgr	André Uguen	<i>Done through Notice tool</i>
Rennes Product Marketing Mgr	Thibault Brunet	<i>Done through Notice tool</i>
Rennes Quality Mgr	Sylvie Péron	<i>Done through Notice tool</i>

Why is there a termination?

The diffusion of the die has been stopped, and the stock of wafer is becoming low. The termination is made now to allow customers to smoothly transition to the replacement products, possibly with Last Time Buy orders.

Which products are terminated

All the active versions of the BYV54 are terminated, whatever their package, quality level and finishing. On the reverse, previously terminated versions are not concerned by this termination.

Product variants, mentioned in the ESCC Detail Specification but never manufactured nor ordered are formally terminated, but no Last Time Buy order will be accepted.

The table below provides for reference details of the terminated products which have been sold or documented since January 1st, 2011. Parts using the same die not listed below would be concerned by the termination as well a

Part Number	Detail Specification	Package	Quality	Finishing	Open to Last Time Buy
BYV54-200DIE2HR	-	Die	FM	-	Yes
BYV54-200DIE2S	-	Die	EM	-	Yes
BYV54-200SYG	510303102	TO254	FM	Gold	No
BYV54-200SYT	510303103	TO254	FM	Solder dip	No
BYV54S200HY1	-	TO254AA	FM	Gold	Yes
BYV54S200HYG	510303104	TO254AA	FM	Gold	Yes
BYV54S200HYT	510303105	TO254AA	FM	Solder dip	Yes

What is the termination schedule?

The termination process start date is December 2nd, 2020.

Customers will have 6 months from the termination process start date to enter Last Time Buy orders. These orders will have to specify a requested delivery date no later than 1 year after the termination process start date.

Requests for extension of the order entry and delivery periods will be discussed on a case by case basis until the die stock is fully depleted. However, such extensions would be part of this termination and would therefore in no case whatsoever imply an additional termination notification.

Who is impacted by the termination?

The termination is applicable to all Customers.

What are the Alternatives?

Some terminated products have close equivalent in other logic series. For others, the closest equivalents have only similar functionality. The table below provides some indications.

Part Number	Package	Quality	Finishing	Alternative Part Number	Detail Specification	Package	Quality	Finishing	Comments
BYV54-200DIE2S	Die	EM	-	Not available (1)	-	-	-	-	BYV54 is Single Cathode on pin 1
BYV54-200DIE2HR	Die	FM	-	Not available (1)	-	-	-	-	
BYV54-200SYG	TO254	FM	Gold	STTH40200CHYG	510303301	TO254AA	FM	Gold	STTHx0200C is Dual Cathode on pin 2
BYV54-200SYT	TO254	FM	Solder dip	STTH40200CHYT	510303302	TO254AA	FM	Solder dip	
BYV54S200HY1	TO254AA	FM	Gold	STTH40200CHY1	-	TO254AA	FM	Gold	
BYV54S200HYG	TO254AA	FM	Gold	STTH40200CHYG	510303301	TO254AA	FM	Gold	
BYV54S200HYT	TO254AA	FM	Solder dip	STTH40200CHYT	510303302	TO254AA	FM	Solder dip	

(1): the STTH60200CD2S and the STTH60200CD2HR are not available at the release date of the PTN. Contact ST for an updated status