

Notification of Product Discontinuation

Dear Valued Customer,

We would like to thank you for your continuous support of Torex Semiconductor. Regrettably we must announce the discontinuation of a range of products due to circumstances outside of our control.

Torex uses Dongbu HiTek (DBH) in Korea as a foundry partner for some of our wafer production. Many of our products produced by DBH use a BD350 process and unfortunately DBH has taken the decision to discontinue this process. A letter from DBH confirming their decision to discontinue the process is attached.

As a result, Torex has no choice but to announce the End-of-Life for all products manufactured using this BD350 process. We will ensure you can place a Last-Time-Buy for these products if required.

Torex is developing replacement products for some of the families being discontinued and these replacement products will use a different, lower geometry process. It is our intention to maintain the same package, pin-layout, and electrical characteristics where possible. Our engineering team is investigating the feasibility of these replacement products and we will be able to give you more information about the replacement product specifications as soon as the feasibility study has been done.

Unfortunately, some of the products cannot be replaced due to limitations with the new process or lack of ongoing demand. For these products, we are asking customers to use the Last-Time-Buy to secure the quantities needed whilst seeking alternative solutions from other suppliers.

You will find details of the affected products in the tables attached. The End-of-Life plan and schedule for Last-Time Buy is detailed below

- | | |
|---------------------------------------|----------------------------|
| 1. Discontinued products: | Refer to the list attached |
| 2. Last day to accept purchase order: | 30 th June 2022 |
| 3. Wafer production will cease: | End of 2023 |
| 4. Last supply date: | 30 th June 2024 |

Please kindly reach out to your local Torex sales office or representative if you have any questions about this announcement. We apologize for the inconvenience that this situation will create, and we will endeavor to limit any disruption as best we can.

Sincerely yours,

7. Yamamoto

Tomoharu Yamamoto
Corporate Officer, General Manager
HQ Product Planning & Overseas Sales Management

Products going EOL with replacement IC in development

Torex is developing replacement products for the families listed in the table below. These series will be discontinued, but we hope to migrate customers to replacement products as soon as they become available.

Series	Package	Comment
XC9257	ALL Packages	<p>We will develop successor products to replace these families that are going EOL.</p> <p>Our intention is to maintain the same package, pin-layout, and electrical characteristics where possible.</p> <p>Our representatives will be able to provide more information about the new replacement products as soon as we can.</p>
XC9258		
XC9259		
XC9260		
XC9261		
XC9262		
XC9263		
XC9264		
XC9267		
XC9268		
XC9281		
XC9282		
XCL213		
XCL214		
XCL219		
XCL220		
XCL221		
XCL222		
XCL223		
XCL224		
XCL225		
XCL226		
XCL230		
XCL231		
XD9260		
XD9261		
XD9263		
XD9264		
XD9267		
XD9268		
XD9707		
XD9708		
XDL601		
XDL602		
XDL603		
XDL604		
XDL605		
XDL606		

Products going EOL with NO replacement

For the following product families Torex will **NOT** develop replacements and we do not have an alternative Torex solution to recommend for the parts being discontinued.

Series	Packages	Comment
XC9143	ALL Packages	No successor product is planned. We do not have an alternative solution to recommend. Please consider the Last-Time-Buy for your future requirement.
XC9144		
XC9248		
XC9266		
XC9273		
XC9274		
XC9275		
XC9280		
XC9307		
XC9308		
XCL303		
XCL304		

For these products, we are asking customers to use the Last-Time-Buy to secure the quantities needed whilst seeking alternative solutions from other suppliers.



Date: 2021/12/16

Dear TOREX Semiconductor

Thank you very much for using a DB HiTek (DBH) process of BD350 around for 10 years.

As you know BD350 is very old process which was developed around 25 years before, so that processing time is very much longer than our 0.18um BCD process.

Recently almost all of DBH customers moved to our 0.18um BCD process and current our 2 Fabs' loading status is extremely high, then BD350 wafer capacity is getting lower due to less customers and longer processing time, hence DBH has to discontinue this process service within 2 years.

DBH recommends TOREX moves to our 0.18um BCD as soon as possible, if TOREX can agree to our recommendation.

Sincerely yours

Head of Japan Branch Office
Yoichi Okumura

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2021/12/16