



Discontinue XC18V256 and I-Grade Ordering Codes for the XC18V00 Product Family

PDN2003-05 (v1.3) September 1, 2004

Product Discontinuation Notice

Overview

Xilinx is discontinuing the XC18V256TM device and all Industrial Temperature Grade (I-Grade) ordering codes of the XC18V00TM product family.

Product Affected

The following ordering codes are being discontinued:

XC18V256 devices:

XC18V256PC20C	XC18V256PC20I
XC18V256SO20C	XC18V256SO20I
XC18V256VQ44C	XC18V256VQ44I

XC18V00 I-grade:

XC18V512PC20I	XC18V01PC20I	XC18V02PC44I	XC18V04PC44I
XC18V512SO20I	XC18V01SO20I	XC18V02VQ44I	XC18V04VQ44I
XC18V512VQ44I	XC18V01VQ44I		

Description

Xilinx is streamlining the XC18V00 family by discontinuing ordering codes with minimal customer impact. The above device/package combinations have declined in customer usage to the point where continued manufacturing is no longer economical.

Replacement devices are listed in the attached table. The target replacement for the XC18V256 device is the XC18V512. The target replacements for the XC18V00 I-grade devices are the new XC18V00 C-grade devices.

Note: A separate product change notification ([PCN2003-04](#)) has been issued which expands the operating range/processing of the XC18V00 C-grade devices to meet the operating range/processing of the discontinued XC18V00 I-grade devices. These target replacements are form, fit, and functionally compatible with the discontinued devices.

Discontinued Part Number	Configuration Bits	Replacement Part Number	Configuration Bits
XC18V256PC20C	262,144	XC18V512PC20C	524,288
XC18V256SO20C	262,144	XC18V512SO20C	524,288
XC18V256VQ44C	262,144	XC18V512VQ44C	524,288
XC18V256PC20I	262,144	XC18V512PC20C0936	524,288
XC18V256SO20I	262,144	XC18V512SO20C0936	524,288
XC18V256VQ44I	262,144	XC18V512VQ44C0936	524,288
XC18V512PC20I	524,288	XC18V512PC20C0936	524,288
XC18V512SO20I	524,288	XC18V512SO20C0936	524,288
XC18V512VQ44I	524,288	XC18V512VQ44C0936	524,288
XC18V01PC20I	1,048,576	XC18V01PC20C0936	1,048,576
XC18V01SO20I	1,048,576	XC18V01SO20C0936	1,048,576
XC18V01VQ44I	1,048,576	XC18V01VQ44C0936	1,048,576
XC18V02PC44I	2,097,152	XC18V02PC44C0936	2,097,152
XC18V02VQ44I	2,097,152	XC18V02VQ44C0936	2,097,152
XC18V04PC44I	4,194,304	XC18V04PC44C0936	4,194,304
XC18V04VQ44I	4,194,304	XC18V04VQ44C0936	4,194,304

Key Dates

Final orders are accepted until December 31, 2004.

Final deliveries must occur on or before June 30, 2005.

Response

Assistance in planning for the replacement of the above devices is available. Please contact your [Xilinx Sales Representative](#) for more information.

Important Notice: On July 1, 2004, Xilinx Customer Notifications (PCN, PDN, and Quality Alerts) will be delivered via e-mail alerts sent by the MySupport website (<http://www.xilinx.com/support>). Register today and personalize your "MyAlerts" to include Customer Notifications. This change provides many benefits, including the ability to receive alerts for new and updated information about specific products, as well as alerts for other publications such as data sheets, errata, application notes, and so forth. For instructions on how to sign up, refer to [Xilinx Answer Record 18683](#).

Revision History

The following table shows the revision history for this document.

Date	Version	Revision
6/30/03	1.0	Initial release.
10/9/03	1.1	Modify page 2 to clarify the replacements for I-grade parts must use SCD0901.
5/5/04	1.2	<ul style="list-style-type: none"> Revise final order date from June 30, 2004, to December 31, 2004. Revise final delivery date from December 30, 2004, to June 30, 2005. Reformat document to similar format used by recent customer notifications.
9/1/04	1.3	Recommended replacements changed to reference SCD0936 instead of SCD0901. This is related to PCN2004-17.