

Overview

The purpose of this notification is to advise customers of top marking changes for Xilinx[®] 7 series, Zynq[®]-7000, Zynq[®] UltraScale+[™], UltraScale[™], and UltraScale+[™] commercial / industrial “XC”, Defense “XQ”, and Automotive-grade “XA” devices. There are no changes to form, fit, function, or reliability.

Description

In continuation of our 2D barcode top marking, Xilinx will be simplifying further the topside marking for all new device introductions offered as part of Xilinx 7 series, Zynq-7000, Zynq UltraScale+, UltraScale, and UltraScale+ commercial / industrial “XC”, Defense “XQ”, and Automotive-grade “XA” devices (refer to [XCEN16014](#) & [XCEN18016](#)). All topside marking will be removed with the exception of Xilinx logo, 2D barcode, and country of origin where family branding is optional. This will allow much improved device-level traceability and security.

The 2D barcode contains a unique serial number that must be scanned using a camera-based application to determine the serial number. The device and package information that were previously found on the top marking can only be retrieved using the unique serial number through an internet based application either on a mobile device or through a web browser using a portal (refer to [XCEN16014](#) and [XTP424](#) for details). Scanning the existing License Plate Number (LPN) provided on the inner box and bag label will allow access to all device information.

Products Affected

This change affects all package, speed, and temperature grade variations for Xilinx 7 series, Zynq-7000, Zynq UltraScale+, UltraScale, and UltraScale+ commercial / industrial “XC”, Defense “XQ”, and Automotive-grade “XA” devices. All associated specification control document (SCD) devices are also affected. Refer to [XTP544](#) for transition updates.

New products or extended family of Xilinx 7 series, Zynq-7000, Zynq UltraScale+, UltraScale, and UltraScale+ commercial / industrial “XC”, Defense “XQ”, and Automotive-grade “XA” devices release on and after July 1, 2019 will only ship with the new simplified top marking. Engineering sample (ES) and Special Control Document (SCD) are also included in this change.

Key Dates and Ordering Information

Xilinx will begin shipping new products, or family expansion devices with new simplified top marking from July 1, 2019 onwards.

Existing production will transit into new simplified top marking at later dates. For exact transition dates, please refer to Xilinx [XTP544](#).

Traceability

Affected devices are identified by the following package top marking as shown in Figure 1 and Figure 2 below, reflecting new simplified top mark which consists of Xilinx logo, family branding (optional), 2D barcode, and country of origin.

Product Family	Current	After Transition (Refer to XTP544)
(Existing Production) UltraScale+		
(Existing Production) 7-Series Zynq UltraScale		

Figure 1: Product marking examples for current production devices.

Product Family	After July 1, 2019
(New Products) 7-Series Zynq Ultrascale UltraScale+	

Figure 2: Product marking example for new products, or family expansion.

Response

No response is required.

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Revision History

The following table shows the revision history for this document.

Date	Version	Revision
03/25/2019	1.0	Initial release.
04/29/2019	1.1	Updated web links.

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