



Product Discontinuation Notice for XC9500XL, CoolRunner XPLA 3, CoolRunner II, Spartan II, and Spartan 3, 3A, 3AN, 3E, 3ADSP Product Families

XCN23009 (v1.1) January 29, 2024

Product Discontinuation Notice

Overview

The purpose of this notification is to communicate that Advanced Micro Devices, Inc. is discontinuing XC9500XL™, CoolRunner™ XPLA™ 3, CoolRunner II, Spartan™ II, and Spartan 3, 3A, 3AN, 3E, 3ADSP Commercial/ Industrial “XC” and Automotive “XA” Product Families.

Description

AMD will be discontinuing XC9500XL, CoolRunner XPLA 3, CoolRunner II, Spartan II, and Spartan 3, 3A, 3AN, 3E, 3ADSP Commercial/ Industrial “XC” and Automotive “XA” Product Families due to declining run-rates and challenges maintaining legacy test infrastructure. This notice should be used in conjunction with previous discontinuance notices which can be found at [AMD.com](https://www.amd.com).

Products Affected

The products affected include standard part numbers of all temperature and speed grade variations listed in the tables below. All specification control document (SCD) versions of the standard part numbers are also affected.

Table 1: XC9500XL Products Affected

Part Number	Replacement Part
XA95144XL-CSG144	No direct replacement
XA9536XL-VQG44	No direct replacement
XA9572XL-TQG100	No direct replacement
XA9572XL-VQG44	No direct replacement
XA9572XL-VQG64	No direct replacement
XC95144XL-CS144	No direct replacement
XC95144XL-CSG144	No direct replacement
XC95144XL-TQ100	No direct replacement
XC95144XL-TQ144	No direct replacement
XC95144XL-TQG100	No direct replacement
XC95144XL-TQG144	No direct replacement
XC95288XL-BG256	No direct replacement
XC95288XL-BGG256	No direct replacement
XC95288XL-CS280	No direct replacement
XC95288XL-CSG280	No direct replacement
XC95288XL-FG256	No direct replacement
XC95288XL-FGG256	No direct replacement

Part Number	Replacement Part
XC95288XL-TQ144	No direct replacement
XC95288XL-TQG144	No direct replacement
XC9536XL-CS48	No direct replacement
XC9536XL-CSG48	No direct replacement
XC9536XL-VQ44	No direct replacement
XC9536XL-VQ64	No direct replacement
XC9536XL-VQG44	No direct replacement
XC9536XL-VQG64	No direct replacement
XC9572XL-CS48	No direct replacement
XC9572XL-CSG48	No direct replacement
XC9572XL-TQ100	No direct replacement
XC9572XL-TQG100	No direct replacement
XC9572XL-VQ44	No direct replacement
XC9572XL-VQ64	No direct replacement
XC9572XL-VQG44	No direct replacement
XC9572XL-VQG64	No direct replacement

Table 2: CoolRunner XPLA3 Products Affected

Part Number	Replacement Part
XCR3032XL-CS48	No direct replacement
XCR3032XL-CSG48	No direct replacement
XCR3032XL-VQ44	No direct replacement
XCR3032XL-VQG44	No direct replacement
XCR3064XL-CP56	No direct replacement
XCR3064XL-CPG56	No direct replacement
XCR3064XL-CS48	No direct replacement
XCR3064XL-CSG48	No direct replacement
XCR3064XL-VQ100	No direct replacement
XCR3064XL-VQ44	No direct replacement
XCR3064XL-VQG100	No direct replacement
XCR3064XL-VQG44	No direct replacement
XCR3128XL-CS144	No direct replacement
XCR3128XL-CSG144	No direct replacement
XCR3128XL-TQ144	No direct replacement
XCR3128XL-TQG144	No direct replacement

Part Number	Replacement Part
XCR3128XL-VQ100	No direct replacement
XCR3128XL-VQG100	No direct replacement
XCR3256XL-CS280	No direct replacement
XCR3256XL-CSG280	No direct replacement
XCR3256XL-FT256	No direct replacement
XCR3256XL-FTG256	No direct replacement
XCR3256XL-TQ144	No direct replacement
XCR3256XL-TQG144	No direct replacement
XCR3384XL-FT256	No direct replacement
XCR3384XL-FTG256	No direct replacement
XCR3384XL-TQ144	No direct replacement
XCR3384XL-TQG144	No direct replacement
XCR3512XL-FG324	No direct replacement
XCR3512XL-FGG324	No direct replacement
XCR3512XL-FT256	No direct replacement
XCR3512XL-FTG256	No direct replacement

Table 3: Spartan II Products Affected

Part Number	Replacement Part
XC2S100-FG256	No direct replacement
XC2S100-FGG256	No direct replacement
XC2S100-TQ144	No direct replacement
XC2S100-TQG144	No direct replacement
XC2S150-FG256	No direct replacement
XC2S150-FG456	No direct replacement
XC2S150-FGG256	No direct replacement
XC2S150-FGG456	No direct replacement
XC2S15-TQ144	No direct replacement
XC2S15-TQG144	No direct replacement
XC2S15-VQ100	No direct replacement
XC2S15-VQG100	No direct replacement
XC2S200-FG256	No direct replacement

Part Number	Replacement Part
XC2S200-FG456	No direct replacement
XC2S200-FGG256	No direct replacement
XC2S200-FGG456	No direct replacement
XC2S30-CS144	No direct replacement
XC2S30-CSG144	No direct replacement
XC2S30-TQ144	No direct replacement
XC2S30-TQG144	No direct replacement
XC2S30-VQ100	No direct replacement
XC2S30-VQG100	No direct replacement
XC2S50-FG256	No direct replacement
XC2S50-FGG256	No direct replacement
XC2S50-TQ144	No direct replacement
XC2S50-TQG144	No direct replacement

Table 4: CoolRunner II Products Affected

Part Number	Replacement Part
XA2C128-CPG132	No direct replacement
XA2C128-VQG100	No direct replacement
XA2C256-TQG144	No direct replacement
XA2C256-VQG100	No direct replacement
XA2C32A-VQG44	No direct replacement
XA2C384-TQG144	No direct replacement

Part Number	Replacement Part
XC2C32A-CPG56	No direct replacement
XC2C32A-DIE	No direct replacement
XC2C32A-QFG32	No direct replacement
XC2C32A-VQ44	No direct replacement
XC2C32A-VQG44	No direct replacement
XC2C384-FG324	No direct replacement

Table 4: CoolRunner II Products Affected (Continued)

Part Number	Replacement Part
XA2C64A-VQG100	No direct replacement
XA2C64A-VQG44	No direct replacement
XC2C128-CP132	No direct replacement
XC2C128-CPG132	No direct replacement
XC2C128-DIE	No direct replacement
XC2C128-TQ144	No direct replacement
XC2C128-TQG144	No direct replacement
XC2C128-VQ100	No direct replacement
XC2C128-VQG100	No direct replacement
XC2C256-CP132	No direct replacement
XC2C256-CPG132	No direct replacement
XC2C256-FT256	No direct replacement
XC2C256-FTG256	No direct replacement
XC2C256-TQ144	No direct replacement
XC2C256-TQG144	No direct replacement
XC2C256-VQ100	No direct replacement
XC2C256-VQG100	No direct replacement
XC2C32A-CP56	No direct replacement

Part Number	Replacement Part
XC2C384-FGG324	No direct replacement
XC2C384-FT256	No direct replacement
XC2C384-FTG256	No direct replacement
XC2C384-TQ144	No direct replacement
XC2C384-TQG144	No direct replacement
XC2C512-FG324	No direct replacement
XC2C512-FGG324	No direct replacement
XC2C512-FT256	No direct replacement
XC2C512-FTG256	No direct replacement
XC2C64A-CP56	No direct replacement
XC2C64A-CPG56	No direct replacement
XC2C64A-DIE	No direct replacement
XC2C64A-QFG48	No direct replacement
XC2C64A-VQ100	No direct replacement
XC2C64A-VQ44	No direct replacement
XC2C64A-VQG100	No direct replacement
XC2C64A-VQG44	No direct replacement

Table 5: Spartan 3, 3A, 3AN, 3E, 3ADSP Products Affected

Part Number	Replacement Part
XA3S1000-FG456	No direct replacement
XA3S1000-FGG456	No direct replacement
XA3S1500-FGG676	No direct replacement
XA3S200-FTG256	No direct replacement
XA3S200-VQG100	No direct replacement
XA3S400-FGG456	No direct replacement
XA3S400-FTG256	No direct replacement
XA3S50-VQG100	No direct replacement
XC3S1000-FG320	No direct replacement
XC3S1000-FG456	No direct replacement
XC3S1000-FG676	No direct replacement
XC3S1000-FGG320	No direct replacement
XC3S1000-FGG456	No direct replacement
XC3S1000-FGG676	No direct replacement
XC3S1000-FT256	No direct replacement
XC3S1000-FTG256	No direct replacement
XC3S1500-FG320	No direct replacement

Part Number	Replacement Part
XC3S50A-VQ100	No direct replacement
XC3S50A-VQG100	No direct replacement
XC3S700A-FG400	No direct replacement
XC3S700A-FG484	No direct replacement
XC3S700A-FGG400	No direct replacement
XC3S700A-FGG484	No direct replacement
XC3S700A-FT256	No direct replacement
XC3S700A-FTG256	No direct replacement
XC3S1400AN-FG676	No direct replacement
XC3S1400AN-FGG676	No direct replacement
XC3S200AN-FT256	No direct replacement
XC3S200AN-FTG256	No direct replacement
XC3S400AN-FG400	No direct replacement
XC3S400AN-FGG400	No direct replacement
XC3S400AN-FT256	No direct replacement
XC3S400AN-FTG256	No direct replacement
XC3S50AN-TQ144	No direct replacement

Table 5: Spartan 3, 3A, 3AN, 3E, 3ADSP Products Affected (Continued)

Part Number	Replacement Part
XC3S1500-FG456	No direct replacement
XC3S1500-FG676	No direct replacement
XC3S1500-FGG320	No direct replacement
XC3S1500-FGG456	No direct replacement
XC3S1500-FGG676	No direct replacement
XC3S2000-FG456	No direct replacement
XC3S2000-FG676	No direct replacement
XC3S2000-FG900	No direct replacement
XC3S2000-FGG456	No direct replacement
XC3S2000-FGG676	No direct replacement
XC3S2000-FGG900	No direct replacement
XC3S200-FT256	No direct replacement
XC3S200-FTG256	No direct replacement
XC3S200-TQ144	No direct replacement
XC3S200-TQG144	No direct replacement
XC3S200-VQ100	No direct replacement
XC3S200-VQG100	No direct replacement
XC3S4000-FG676	No direct replacement
XC3S4000-FG900	No direct replacement
XC3S4000-FGG676	No direct replacement
XC3S4000-FGG900	No direct replacement
XC3S400-FG320	No direct replacement
XC3S400-FG456	No direct replacement
XC3S400-FGG320	No direct replacement
XC3S400-FGG456	No direct replacement
XC3S400-FT256	No direct replacement
XC3S400-FTG256	No direct replacement
XC3S400-TQ144	No direct replacement
XC3S400-TQG144	No direct replacement
XC3S5000-FG676	No direct replacement
XC3S5000-FG900	No direct replacement
XC3S5000-FGG676	No direct replacement
XC3S5000-FGG900	No direct replacement
XC3S50-TQ144	No direct replacement
XC3S50-TQG144	No direct replacement
XC3S50-VQ100	No direct replacement
XC3S50-VQG100	No direct replacement
XA3S1400A-FGG484	No direct replacement

Part Number	Replacement Part
XC3S50AN-TQG144	No direct replacement
XC3S700AN-FG484	No direct replacement
XC3S700AN-FGG484	No direct replacement
XA3S100E-CPG132	No direct replacement
XA3S100E-TQG144	No direct replacement
XA3S100E-VQG100	No direct replacement
XA3S1200E-FGG400	No direct replacement
XA3S1200E-FTG256	No direct replacement
XA3S1600E-FG400	No direct replacement
XA3S1600E-FGG400	No direct replacement
XA3S1600E-FGG484	No direct replacement
XA3S250E-CPG132	No direct replacement
XA3S250E-FT256	No direct replacement
XA3S250E-FTG256	No direct replacement
XA3S250E-TQG144	No direct replacement
XA3S250E-VQG100	No direct replacement
XA3S500E-CPG132	No direct replacement
XA3S500E-FT256	No direct replacement
XA3S500E-FTG256	No direct replacement
XC3S100E-CP132	No direct replacement
XC3S100E-CPG132	No direct replacement
XC3S100E-TQ144	No direct replacement
XC3S100E-TQG144	No direct replacement
XC3S100E-VQ100	No direct replacement
XC3S100E-VQG100	No direct replacement
XC3S1200E-DIE	No direct replacement
XC3S1200E-FG320	No direct replacement
XC3S1200E-FG400	No direct replacement
XC3S1200E-FGG320	No direct replacement
XC3S1200E-FGG400	No direct replacement
XC3S1200E-FT256	No direct replacement
XC3S1200E-FTG256	No direct replacement
XC3S1600E-FG320	No direct replacement
XC3S1600E-FG400	No direct replacement
XC3S1600E-FG484	No direct replacement
XC3S1600E-FGG320	No direct replacement
XC3S1600E-FGG400	No direct replacement
XC3S1600E-FGG484	No direct replacement

Table 5: Spartan3, 3A, 3AN, 3E, 3ADSP Products Affected (Continued)

Part Number	Replacement Part
XA3S200A-FTG256	No direct replacement
XA3S400A-FGG400	No direct replacement
XA3S400A-FTG256	No direct replacement
XC3S1400A-FG484	No direct replacement
XC3S1400A-FG676	No direct replacement
XC3S1400A-FGG484	No direct replacement
XC3S1400A-FGG676	No direct replacement
XC3S1400A-FT256	No direct replacement
XC3S1400A-FTG256	No direct replacement
XC3S200A-FG320	No direct replacement
XC3S200A-FGG320	No direct replacement
XC3S200A-FT256	No direct replacement
XC3S200A-FTG256	No direct replacement
XC3S200A-VQ100	No direct replacement
XC3S200A-VQG100	No direct replacement
XC3S400A-FG320	No direct replacement
XC3S400A-FG400	No direct replacement
XC3S400A-FGG320	No direct replacement
XC3S400A-FGG400	No direct replacement
XC3S400A-FT256	No direct replacement
XC3S400A-FTG256	No direct replacement
XC3S50A-FT256	No direct replacement
XC3S50A-FTG256	No direct replacement
XC3S50A-TQ144	No direct replacement
XC3S50A-TQG144	No direct replacement

Part Number	Replacement Part
XC3S250E-CP132	No direct replacement
XC3S250E-CPG132	No direct replacement
XC3S250E-FT256	No direct replacement
XC3S250E-FTG256	No direct replacement
XC3S250E-TQ144	No direct replacement
XC3S250E-TQG144	No direct replacement
XC3S250E-VQ100	No direct replacement
XC3S250E-VQG100	No direct replacement
XC3S500E-CP132	No direct replacement
XC3S500E-CPG132	No direct replacement
XC3S500E-FG320	No direct replacement
XC3S500E-FGG320	No direct replacement
XC3S500E-FT256	No direct replacement
XC3S500E-FTG256	No direct replacement
XC3S500E-VQG100	No direct replacement
XA3SD1800A-CSG484	No direct replacement
XA3SD1800A-FGG676	No direct replacement
XC3SD1800A-CS484	No direct replacement
XC3SD1800A-CSG484	No direct replacement
XC3SD1800A-FG676	No direct replacement
XC3SD1800A-FGG676	No direct replacement
XC3SD3400A-CS484	No direct replacement
XC3SD3400A-CSG484	No direct replacement
XC3SD3400A-FG676	No direct replacement
XC3SD3400A-FGG676	No direct replacement

Key Dates and Ordering Information

- Final orders (LTB) will be accepted until June 29th, 2024, subject to material availability.
- An order remaining open on or after April 30th, 2024, will be deemed Non-Cancellable, Non-Returnable (NCNR).
- Final deliveries (LTS) must occur on or before December 28th, 2024.
- Return Material Authorizations (RMA) for replacement devices due to quality issues will be accepted until June 27th, 2025.

Response

No response required.

Customers are requested to place last-time-buy orders in a timely manner prior to the key dates listed above to avoid product availability issues. If you anticipate that your last time buy requirements will exceed the current rate, please provide your AMD Sales Representative with a forecast of the requirements. All orders will be supported on a first-come, first-served basis with the non-cancellable and non-returnable (NCNR) condition. For additional information or questions, contact your local AMD Sales representative.

Important Notice: AMD Customer Notifications (XCNs, XDNs, and Quality Alerts) can be delivered via e-mail alerts sent by the Support website (<http://www.xilinx.com/support>). Register today and personalize your “Documentation and Design Advisory Alerts” area to include Customer Notifications. AMD Support 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, etc. For information 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
01/01/2024	1.0	Initial release
01/29/2024	1.1	Additional context added to description section



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