



# Product Change Notification

**Change Notification #:** 119280-02

**Change Title:** Select Intel® Xeon® Processor D-1700 and D-2700 Series SKUs, PCN 119280-02, Order Code, MM# Updates Due to Stepping Change  
**Reason for Revision: Rectify PCN Number Mismatch**

**Date of Publication:** December 16, 2022

## Key Characteristics of the Change:

Order Code

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material</b>	October 30, 2022
<b>Date of First Availability of Post-Conversion Material</b>	June 27, 2022
<b>Date of Qualification Data Availability</b>	March 21, 2022

*\*The date of "First Availability of Post-Conversion Material" is the date that a customer may expect to receive U2/Z2 material. The actual conversion date will be determined by the depletion of U1/Z1 inventory. The depletion of inventory may be impacted by fluctuating supply and demand. Although customers should be prepared to receive the Post-Conversion Material, Intel will continue to ship, and customers may continue to receive the U1/Z1 material until the inventory has been depleted.*

## Description of Change to the Customer:

**Reason for Revision: Rectify PCN Number Mismatch. Previous revision incorrectly listed Change Notification # as 119281-01 instead of the correct 119280-01.**

As shared previously with Customers in March 2022, regarding the Intel® Xeon® D-1700 and D-2700 Processors, Intel improved the Electrostatic Discharge (ESD) protection on XTAL25 pin from +/-150V to +/-200V. Consequently, the following changes were done to differentiate units from one to another.

1. There are changes to Ordering Codes for the products. Please see the **Products Affected/Intel Ordering Codes** table below.
2. For Intel® Xeon® Processor D-1700, the stepping changed from Z1 to Z2.
3. For Intel® Xeon® Processor D-2700, the stepping changed from U1 to U2.
4. Automation/Tools may report the following stepping change if the JTAG IDC CODE register is read:  
D-1700 (Z1) 32'h2E7C5013 → D-1700 (Z2) 32'h3E7C5013  
D-2700 (U1) 32'h5E7C5013 → D-2700 (U2) 32'h6E7C5013.

There is no change to form, fit or function of the processor nor will the die size and package change for these processors.

## **Customer Impact of Change and Recommended Action:**

There is no change to form fit or function although customers will see improved ESD protection on this pin.

Customers should take note that new post-conversion Material Master numbers (MM#s) and S-specs will be replacing the previous ones as seen in the **Products Affected/Intel Ordering Codes** table below.

Automation/Tools may report the following stepping change if the JTAG IDCODE register is read:

Intel® Xeon® Processor D-1700 (Z1) 32'h2E7C5013 → Intel® Xeon® Processor D-1700 (Z2) 32'h3E7C5013

Intel® Xeon® Processor D-2700 (U1) 32'h5E7C5013 → Intel® Xeon® Processor D-2700 (U2) 32'h6E7C5013.

For more information customers can go to <http://rdc.intel.com/> and search reference Document# Idaville\_MoW\_631290\_WW13\_2022 (MOW#13).

Please contact your local Intel Field Sales Representative if you have any further questions about these changes.

## Products Affected/Intel Ordering Codes:

### U1 to U2 Stepping

Processor#	Stepping	Product Code	Pre Conversion S-Spec	Pre Conversion MM#	Post Conversion S-Spec	Post Conversion MM#
D-2798NX	U1	FH8068604676154	S RLC9	99AV8J	S RM1S	99C0LM
D-2777NX	U1	FH8068604676155	S RLCA	99AV8K	S RM1T	99C0LN
D-2757NX	U1	FH8068604676156	S RLCB	99AV8L	S RM1U	99C0LR
D-2745NX	U1	FH8068604676157	S RLCC	99AV8M	S RM1V	99C0LT
D-2798NT	U1	FH8068604676158	S RLCD	99AV8N	S RM1W	99C0LV
D-2786NTE	U1	FH8068604676159	S RLCE	99AV8R	S RM1X	99C0LW
D-2776NT	U1	FH8068604676160	S RLCF	99AV8T	S RM1Y	99C0M1
D-2752NTE	U1	FH8068604676161	S RLCG	99AV8V	S RM1Z	99C0M2
D-2753NT	U1	FH8068604676162	S RLCH	99AV8W	S RM20	99C0M5
D-2733NT	U1	FH8068604676143	S RLCJ	99AV8X	S RM21	99C0M8
D-2712T	U1	FH8068604676144	S RLCK	99AV8Z	S RM22	99C0M9
D-2796TE	U1	FH8068604676163	S RLCL	99AV90	S RM23	99C0MC
D-2775TE	U1	FH8068604676146	S RLCM	99AV91	S RM26	99C0MR
D-2752TER	U1	FH8068604676164	S RLCN	99AV92	S RM27	99C0MV
D-2779	U1	FH8068604676165	S RLCP	99AV93	S RM28	99C0MW
D-2738	U1	FH8068604676166	S RLCQ	99AV94	S RM29	99C0MX
D-2796NT	U1	FH8068604676167	S RLCR	99AV96	S RM2A	99C0MZ
D-2766NT	U1	FH8068604676168	S RLCS	99AV9C	S RM2B	99C0N0
D-2799	U1	FH8068604676169	S RLCT	99AV9D	S RM2C	99C0N1
D-2795NT	U1	FH8068604676153	S RLCU	99AV9F	S RM2D	99C0N2

### Z1 to Z2 Stepping

Processor#	Stepping	Product Code	Pre Conversion S-Spec	Pre Conversion MM#	Post Conversion S-Spec	Post Conversion MM#
D-1749NT	Z1	FH8068604427819	S RLBP	99AV7H	S RM15	99C0KH
D-1736NT	Z1	FH8068604434811	S RLBQ	99AV7K	S RM16	99C0KK
D-1733NT	Z1	FH8068604434909	S RLBR	99AV7L	S RM17	99C0KL
D-1713NT	Z1	FH8068604435007	S RLBS	99AV7N	S RM19	99C0KN
D-1713NTE	Z1	FH8068604436204	S RLBT	99AV7P	S RM1A	99C0KP
D-1746TER	Z1	FH8068604436317	S RLBU	99AV7R	S RM1B	99C0L0
D-1735TR	Z1	FH8068604436405	S RLBV	99AV7T	S RM1C	99C0L5
D-1732TE	Z1	FH8068604436505	S RLBW	99AV7V	S RM1D	99C0L6
D-1715TER	Z1	FH8068604436605	S RLBX	99AV7W	S RM1E	99C0L7
D-1718T	Z1	FH8068604436705	S RLBY	99AV81	S RM1F	99C0L8
D-1712TR	Z1	FH8068604436820	S RLBZ	99AV83	S RM1G	99C0L9
D-1714	Z1	FH8068604436906	S RLC0	99AV85	S RM1H	99C0LA
D-1739	Z1	FH8068604437006	S RLC1	99AV88	S RM1J	99C0LC
D-1736	Z1	FH8068604437007	S RLC2	99AV89	S RM1K	99C0LD
D-1726	Z1	FH8068604437107	S RLC3	99AV8A	S RM1L	99C0LF
D-1722NE	Z1	FH8068604437106	S RLC4	99AV8C	S RM1M	99C0LG
D1702	Z1	FH8068604437205	S RLC5	99AV8D	S RM1N	99C0LH
D-1747NTE	Z1	FH8068604437308	S RLC6	99AV8F	S RM1P	99C0LJ
D-1734NT	Z1	FH8068604437405	S RLC7	99AV8G	S RM1Q	99C0LK
D-1748TE	Z1	FH8068604564305	S RLC8	99AV8H	S RM1R	99C0LL

### PCN Revision History:

Date of Revision:	Revision Number:	Reason:
September 30, 2022	00	Originally Published PCN
November 30, 2022	01	Rectify Typo in Pin Number from XLAT25 to XTAL25
December 16, 2022	02	Rectify PCN Number Mismatch



# Product Change Notification

## 119280-02

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No response from customers will be deemed an acceptance of the change, and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below.

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