



Product Change Notification

Change Notification #: 118049 - 02

Change Title: Intel® JHL7040 Thunderbolt™ 3 Retimer
Intel® JHL7340 Thunderbolt™ 3 Controller, Single Port Host
Intel® JHL7440 Thunderbolt™ 3 Controller, Dual Port Device
Intel® JHL7540 Thunderbolt™ 3 Controller, Dual Port Host
Intel® JHL8010R USB Retimer
Intel® JHL8040R Thunderbolt™ 4 Retimer
Intel® JHL8340 Thunderbolt™ 4 Controller, Single Port Host
Intel® JHL8540 Thunderbolt™ 4 Controller, Dual Port Host
Intel® JHL8440 Thunderbolt™ 3 Controller, PCN 118049-02, Product Marking, Chip marking change for Thunderbolt™ 3rd-Gen and 4th-Gen Controllers & Retimers, [Reason for Revision: Adding information](#)

Date of Publication: May 19, 2021

Key Characteristics of the Change:

Product Marking

Forecasted Key Milestones:

Date of Samples Availability:	March 26, 2021
Date Customer Must be Ready to Receive Post-Conversion Material:	April 9, 2021
Date of First Availability of Post-Conversion Material:	April 9, 2021

The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

Description of Change to the Customer:

Reason for Revision: Adding information

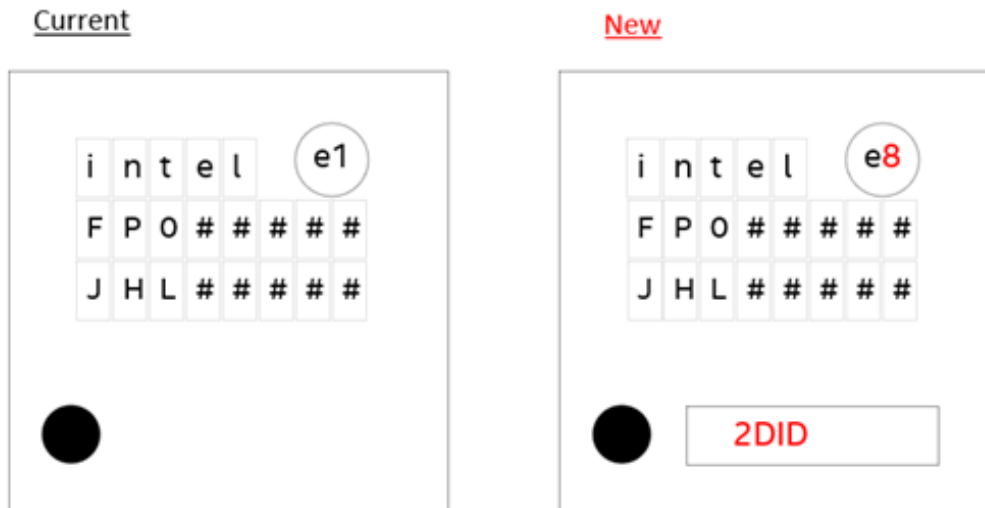
The products listed in the Products Affected table below will have the following change.

The Pb-free symbol marking will be changed in accordance with J-STD-609B, IPC/JEDEC specification for components marking. Previous "e1" symbol will be replaced with "e8" for a more accurate indication of solder ball silver content.

In addition, 2DID barcode will be added to enable future collection of unit level traceability (ULT) information at various manufacturing stages for improved quality management.

There is no change to IC packaging materials and there will be no impact to the product in terms of form, fit, quality, reliability, performance or functionality. No changes required by customers.

Example of General Mechanical Drawings (GMD) spec before and after marking



Customer Impact of Change and Recommended Action:

There is no customer impact associated with this PCN.

During the transition period, inner box e1/e8 label indication may mismatch actual part marking.

Products Affected / Intel Ordering Codes:

Marketing Name	Stepping	Product Code	S-Spec	MM#
Intel® JHL7540 Thunderbolt™ 3 Controller	C1	JHL7540	S LMHR	964275
Intel® JHL7540 Thunderbolt™ 3 Controller	C1	JHL7540	S LMHS	964276
Intel® JHL7340 Thunderbolt™ 3 Controller	C1	JHL7340	S LMHX	964383
Intel® JHL7340 Thunderbolt™ 3 Controller	C1	JHL7340	S LMHY	964393
Intel® JHL7440 Thunderbolt™ 3 Controller	C1	JHL7440	S LMHZ	964458
Intel® JHL7440 Thunderbolt™ 3 Controller	C1	JHL7440	S LMJ2	964470
Intel® JHL8040R Thunderbolt™ 4 Retimer,	A1	JHL8040R	S LMN6	9999H1
Intel® JHL8040R Thunderbolt™ 4 Retimer,	A1	JHL8040R	S LMN7	9999H2
Intel® JHL8010R USB Retimer, Tray	A1	JHL8010R	S LMND	9999HG
Intel® JHL8010R USB Retimer, T&R	A1	JHL8010R	S LMNE	9999HH
Intel® JHL7040 Thunderbolt™ 3 Retimer, T	B1	JHL7040	S RGWR	999NDG
Intel® JHL7040 Thunderbolt™ 3 Retimer, T	B1	JHL7040	S RGWS	999NDH
Intel® JHL8340 Thunderbolt™ 4 Controller	B0	JHL8340	S RH4N	999V0V
Intel® JHL8340 Thunderbolt™ 4 Controller	B0	JHL8340	S RH4P	999V0W
Intel® JHL8540 Thunderbolt™ 4 Controller	B0	JHL8540	S RH4Q	999V12
Intel® JHL8540 Thunderbolt™ 4 Controller	B0	JHL8540	S RH4R	999V16
Intel® JHL8440 Thunderbolt™ 3 Controller	B1	JHL8440	S RKFJ	99A8GF
Intel® JHL8440 Thunderbolt™ 3 Controller	B1	JHL8440	S RKFK	99A8GG

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
January 26, 2021	00	Originally Published PCN
March 22, 2021	01	Update Images
May 19, 2021	02	Adding information



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

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