



Product Change Notification

113124 - 00

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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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Product Change Notification

Change Notification #: 113124 - 00
Change Title: 2U PCIE Riser Spare A2UL16RISER and A2UL8RISER
PCN 113124-00, Product Design
Update Resistors and Capacitors
Date of Publication: July 08, 2014

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Jul 18, 2014
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** Intel appreciates the customer's desire to receive the latest revision of products. However, Intel manages inventory on a first in first out (FIFO) basis at the MM# level. Subsequently, customer requests for a specific revision of material (below the MM#) will not be supported by Intel.*

Description of Change to the Customer:

Intel is implementing the following changes on the 2U PCIE Riser Spare A2UL8RISER and A2UL16RISER to make an improvement of the 3.3 Voltage Regulator Startup Over current to support the current. Before this change, the Voltage Regulator on the riser card may not be able to turn on when the total current drawn is more than 4-5A current. After this change, the Voltage Regulator on the riser card can support more than 10A current.

1. 2U Riser Spare A2UL8RISER

Table 1 Component Updates for the 2U Riser Spare A2UL8RISER

Component	Location	Pre-change	Post-change
Resistor	R2B10	10.0 kOhm	3.65 kOhm
Resistor	R1A20	0 Ohm	30 Ohm
Resistor	R1A19	40.2 kOhm	20 kOhm
Capacitor	C1A13	10 pF	120 pF

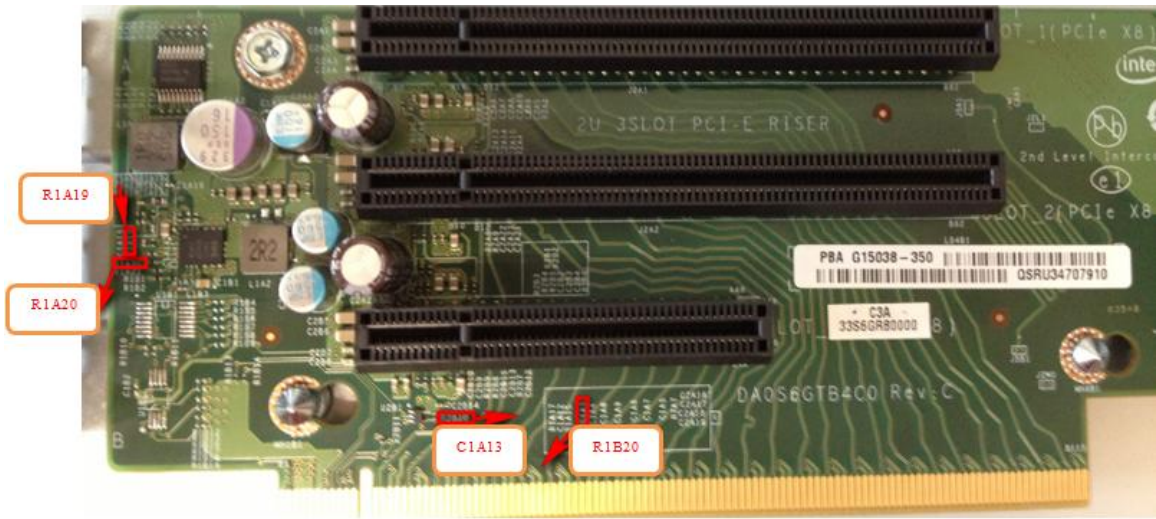


Figure 1 Component Locations for the 2U Riser Spare A2UL8RISER

2. 2U Riser Spare A2UL16RISER

Table 2 Component Updates for the 2U Riser Spare A2UL16RISER

Component	Location	Pre-change	Post-change
Resistor	R2B10	10.0 kOhm	3.65 kOhm
Resistor	R1A20	0 Ohm	30 Ohm
Resistor	R1A27	39.2 kOhm	20 kOhm
Capacitor	C1A17	27 pF	120 pF



Figure 2 Component Locations for the 2U Riser Spare A2UL16RISER

Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customers. Customers may need to validate the function and feature change once the post-change riser card is available.

Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change TA	Post Change TA
A2UL8RISER	917979	G49864-001	G49864-002
A2UL16RISER	917981	G42944-002	G42944-003

PCN Revision History:

Date of Revision:

July 8, 2014

Revision Number:

00

Reason:

Originally Published PCN