



This Technical Advisory describes an issue which may or may not affect the customer's product

Intel Technical Advisory

TA-0878-1

5200 NE Elam Young Parkway
Hillsboro, OR 97124

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SR1530HAHLX backplane amber fault LED issue

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Products Affected

System: **SR1530HAHLX (MM:887336)**

System: **SR1530HAHLXNA (MM:887436)**

Backplane: **FSR1530BPSATA (MM:887408)**

Description

The SR1530HAH hotswap backplane contains LED indicators for each of the three Hard Disk Drives (HDD's) that may be installed in the system. These LED's indicate drive activity and drive faults and are piped to the front of each hotswap drive carrier. During system boot, the LED's may indicate a drive fault for one or more of the HDD's, even if a drive is not installed in the drive bay. This issue occurs intermittently and is not an actual HDD functional failure, only a false indication.

Root Cause

During system power on, shift registers at locations "U2" and "U3" on the hotswap backplane may have their output buffers come up in an unknown state, which may turn on drive bay fault LEDs in various patterns (for one HDD, two HDD's, or all three of the HDD's). This intermittent issue only occurs with one of the supplier's shift register parts on the Intel approved part list.

Corrective Action / Resolution

Future builds of the SR1530HAH hotswap backplane boards will not contain shift register parts from the affected supplier. SR1530HAH hotswap backplane boards in the finished goods warehouse have all been screened and boards with the affected supplier parts will not be shipped. Customers experiencing the SR1530HAH hotswap backplane fault LED issue can contact their Intel representative and request a replacement SR1530HAH hotswap backplane part number **D68039-302**. They should reference Technical Advisory number **TA-0878**.

Please contact your Intel Sales Representative if you require more specific information about this issue.

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