

USB4 1.0 ENGINEERING CHANGE NOTICE FORM

Title: Require DROM Support for Standalone AIC Host Routers

Applied to: USB4 Specification Version 1.0

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| Brief description of the functional changes: |
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| Add a requirement that a Standalone AIC Host Router must support DROM. |
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| Benefits as a result of the changes: |
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| Allows OS to have a uniform identification solution for all Non Platform Integrated Routers (Hosts and Devices). |
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| An assessment of the impact to the existing revision and systems that currently conform to the USB specification: |
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| None |
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| An analysis of the hardware implications: |
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| None |
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| An analysis of the software implications: |
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| None |
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| An analysis of the compliance testing implications: |
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| The DROM test should include a Standalone AIC Host Router. |
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Actual Change

(a). 8.3.1.2.5 DROM Read

8.3.1.2.5 DROM Read (Conditional)

A Device Router shall support the DROM Read Router Operation. A standalone AIC Host Router shall support this Router Operation. A platform integrated Host Router may optionally support this Router Operation.

The DROM Read Router Operation reads up to 64 bytes from DROM.

(b). 1.8 Terms and Abbreviations

| Term/Abbreviation | Description |
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| <u>Platform Integrated Host Router</u> | <u>A Host Router silicon which is integrated to the platform, either as a part of the platform SoC, or as a discrete chip on motherboard</u> |
| <u>Standalone AIC Host Router</u> | <u>A Host Router which is added to the platform as an Add-In card (AIC)</u> |