

USB4 1.0 ENGINEERING CHANGE NOTICE FORM

Title: Require DROM Support for Standalone AIC Host Routers

Applied to: USB4 Specification Version 1.0

Brief description of the functional changes:

Add a requirement that a Standalone AIC Host Router must support DROM.

Benefits as a result of the changes:

Allows OS to have a uniform identification solution for all Non Platform Integrated Routers (Hosts and Devices).

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:

None

An analysis of the hardware implications:

None

An analysis of the software implications:

None

An analysis of the compliance testing implications:

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
<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>