USB4 2.0 ENGINEERING CHANGE NOTICE FORM

Title: Support for Gen T Keep Alive
Applied to: USB4 Specification Version 2.0

Brief description of the functional changes:
Support for Gen T Keep Alive and the advertisement of this feature to software is implementation specific.

Benefits as a result of the changes:
Removes ambiguity on how Gen T Keep Alive feature can be enabled or disabled.

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:
None.

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Actual Change

(a). Section 9.4.1.5.1 Link Keep-Alive

From Text:

Software enables or disables Link Keep-Alive for Gen T downstream ports. The means by which software determines whether or not to enable Link Keep-Alive and configure a Gen T downstream port is outside the scope of this specification.

To Text:

Software determines whether Link Keep-Alive for Gen T downstream ports is supported. ~~enables or disables Link Keep-Alive for Gen T downstream ports~~. The means by which software determines whether or not ~~to enable~~ Link Keep-Alive ~~and configure~~ for a Gen T downstream port is supported and enabled/disabled, is outside the scope of this specification.