

USB Type-C ENGINEERING CHANGE NOTICE

Title: Debug Accessory Appendix

Applied to: USB Type-C Specification Release 1.2, March 25, 2016

Brief description of the functional changes:

Section 4.5.2.2.12.2 incorrectly lists the exit condition from TryWait.SRC to Attached.SRC as waiting for tCCDebounce. This should be corrected to tPDDebounce.

Benefits as a result of the changes:

Corrects text to match state diagram and avoid confusion
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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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No impact

An analysis of the hardware implications:
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An analysis of the software implications:
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An analysis of the compliance testing implications:
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USB Type-C ENGINEERING CHANGE NOTICE

Actual Change

(a). Section 4.5.2.2.12.2

From Text:

4.5.2.2.12.2 Exiting from TryWait.SRC State

The port shall transition to [Attached.SRC](#) when VBUS is at vSafe0V and the [SRC.Rd](#) state is detected on exactly one of the CC pins for at least [tCCDebounce](#).

The port shall transition to [Unattached.SNK](#) after [tDRPTry](#) if neither of the CC1 or CC2 pins are in the [SRC.Rd](#) state.

To Text:

4.5.2.2.12.2 Exiting from TryWait.SRC State

The port shall transition to [Attached.SRC](#) when VBUS is at vSafe0V and the [SRC.Rd](#) state is detected on exactly one of the CC pins for at least ~~[tCCDebounce](#)~~ [tPDDebounce](#).

The port shall transition to [Unattached.SNK](#) after [tDRPTry](#) if neither of the CC1 or CC2 pins are in the [SRC.Rd](#) state.