

USB 3.1 ENGINEERING CHANGE NOTICE FORM

Title: LFPS Typos
Applied to: USB3.1

Brief description of the functional changes:

Corrections to typographical errors on page 6-46. No functional changes.
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Benefits as a result of the changes:

The change will eliminate confusion caused by the typographical errors.

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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No impact.

An analysis of the software implications:
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No impact.

An analysis of the compliance testing implications:
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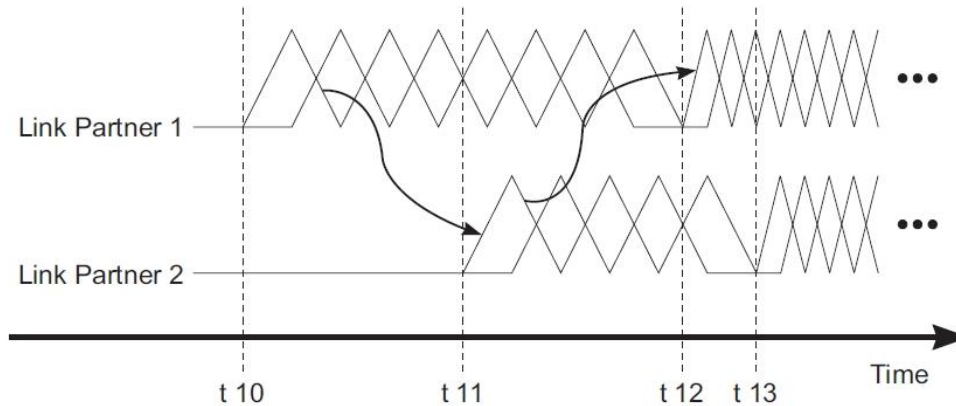
No impact.

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Actual Change

Section 6.9.2, Figure 6-30

From Text:



t_{10} – When Link Partner 1 starts to transmit LFPS, in initiating exit from either U1/U2/U3/Loopback.

t_{11} – When Link Partner 2 validates the received LFPS for the required t_{11} - t_{10} duration and starts to transmit LFPS in response.

t_{12} – When Link Partner 1 validates the received LFPS of the required t_{12} - t_{11} and t_{12} - t_{10} durations and starts to transmit SS signaling.

t_{13} – When Link Partner 2 transmits LFPS of meeting the required t_{13} - t_{11} duration and starts to transmit SS signaling.

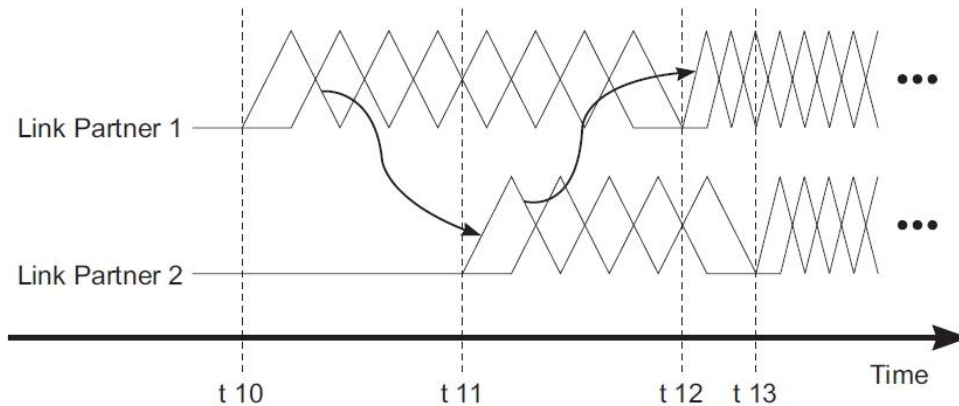
U-033A

Figure Error! No text of specified style in document.-1. U1 Exit, U2 Exit, and U3 Wakeup LFPS Handshake Timing Diagram

Note: the timing diagram in **Error! Reference source not found.** is for illustration of the LFPS handshake process only.

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To Text:



- t10** – When Link Partner 1 starts to transmit LFPs, in initiating exit from either U1/U2/U3/Loopback.
t11 – When Link Partner 2 validates the received LFPs for the required t11-t10 duration and starts to transmit LFPs in response.
t12 – When Link Partner 1 validates the received LFPs of the required t12-t11 and t12-t10 durations and starts to transmit **SS or SSP signaling**.
t13 – When Link Partner 2 transmits LFPs of meeting the required t13-t11 duration and starts to transmit **SS or SSP signaling**.

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Figure Error! No text of specified style in document.-2. U1 Exit, U2 Exit, and U3 Wakeup LFPs Handshake Timing Diagram

Note: the timing diagram in Figure 6-30 is for illustration of the LFPs handshake process only.