

USB Type-C ENGINEERING CHANGE NOTICE

Title: Sinking DFP

Applied to: USB Type-C Specification Release 1.0, August 11, 2014

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| Brief description of the functional changes: |
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| No functional change, just a clarification. |
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| Benefits as a result of the changes: |
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| In order to ensure that the simplest USB Type-C PD chargers can be used by all USB Type-C PD power consumers, it is important to clarify that a power consumer can be a Sinking DFP as defined herein. This also keeps the complexity requirement on USB Type-C PD chargers minimized. |
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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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| Compliance for USB Type-C will have to be modified. |
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Actual Change

(a). Create a new section between 4.8.3 and 4.8.4

A Sinking DFP is a special sub-class of a DRP that is capable of sinking power, but not capable of acting as a device. For example a notebook's DFP or a hub's DFP ports that operate as a host but not as a device.

The Sinking DFP shall follow the rules for a DRP (See Section 4.5.1.4 and Figure 4-15). The Sinking DFP shall support [USB PD](#) and shall support the DR_Swap command.