

USB Power Delivery ENGINEERING CHANGE NOTICE

Title: GotoMin Applicability

Applied to: USB Power Delivery Specification Revision 3.0

Version 2.0

Brief description of the functional changes proposed:
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This ECN does not have any functional change. It changes the applicability of the GotoMin message to align the USB PD spec with Multi-Port Charger rules in the USB Type-C specification.

Benefits as a result of the proposed changes:
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Clarify requirements.

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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None

An analysis of the software implications:
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None

An analysis of the compliance testing implications:
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May require updating existing tests in the PD CTS. May require adding a new parameter to the VIF regarding whether GotoMin is supported.
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Actual Change Requested

(b). Section 1.6, Table 1-1

From Text:

PDUSB Hub	A port expander USB Device with a UFP and one or more DFPs which is PD Capable on at least one of its Ports. A PDUSB Hub is only addressed by SOP Packets.
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To Text:

PDUSB Hub	A port expander USB Device with a UFP and one or more DFPs which is PD Capable on at least one of its Ports. A PDUSB Hub is only addressed by SOP Packets. A self-powered PDUSB Hub is treated as a USB Type-C Multi-Port Charger.
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(b). Section 6.12.1, Table 6-69

From Text:

Note 1: **Shall** be supported by a Hub with multiple Downstream Ports. **Should** be supported by a Host with multiple Downstream Ports.

To Text:

Note 1: **Should** be supported by a **PDUSB** Hub with multiple Downstream Ports. **Should** be supported by a Host with multiple Downstream Ports.