

USB 3.0 Technology – Errata

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Page	Severity	Description
178 (CH8)	Minor	The last word in the caption in Figure 8-8 should be NRDY rather than NDRY.
198 (CH9)	Moderate	The second sentence should read “This makes is difficult for the endpoint to manage transitions to the low-power link states of U1/U2, because it doesn’t know The first word in the second Paragraph should be Figure
216 (CH10)	Minor	Item 5 second sentence should read, “packet is held”
229 (CH11)	Minor	In the paragraph entitled “Power Management Link Commands”, the second sentence says that power management link state transitions can’t occur without a link partner handshake. Add: There are also link state transitions which occur automatically on certain timeout events during power management handshake attempts.
249 (CH12)	Minor	The chapter reference contained in the second to the last bullet on this page should say: Refer to Chapter 26, entitled “Compliance Testing,” on page 617 for details.
390 (CH18)	Major	Table 18-1, entries 5-8 have CRD entries that are incorrect. Corrected values are: K23.7 EPF CRD- = 111010 1000; CRD+ = 000101 0111 K27.7 SHP CRD- = 110110 1000; CRD+ = 001001 0111 K29.7 END CRD- = 101110 1000; CRD+ = 010001 0111 K30.7 SLC CRD- = 011110 1000; CRD+ = 100001 0111
497-498 (CH22)	Major	The second column in Table 22-7 (Request) should have all entries listed as (01h).
502 (CH22)	Minor	In Table 22-10 under column 4 (Description), in row 7, there are typos in the second sentence. It should read “interfaces associated with.....”
502 (CH22)	Minor	In Table 22-10 under column 4 (Description), in row 8, there is a typo in the first sentence. It should read “reports a variety of.....” In Table 22-10 under column 3 (Accessed Directly?) all of the No* entries are simplified by removing the asterisks except in the next to the last row. In the last sentence it should read, “....and UUID value, denoted by * below.
526 (CH23)	Major	Table 23-2 Hub Class Requests have been added to the eBook. See table below.
535 (CH23)	Major	The second column in Table 23-8 (Request) should have all entries listed as (01h).
560 CH23	Major	Table 23-32: Hub Feature Selectors. The rows labeled PORT_LINK_STATE and PORT_CONFIG_ERROR should be listed as C_PORT_LINK_STATE and CPORT_CONFIG_ERROR

572 (CH24)	Minor	In Table 24-6, the U2 Timeout column 512 and 768 should be 512μs and 768μs . Also FF should be FFh at the bottom of column 1.
583 (CH24)	Minor	In the last paragraph first sentence it should read, "function within a device. Second paragraph should read, " This is typically associated with a multifunction (i.e. composite) device and is called Function Suspend.
584 (CH24)	Minor	Pages 584 and 585 are reorganized for clarity. This content is the same.

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Hub Class Requests

Hubs have specific requests that manage Hubs and handle the downstream ports.

Table 23-2: Hub Class Requests

Request Type	Request	Value (2 bytes)	Index (2 bytes)	Length (2 bytes)	Data
10100000B 10100001B	GetHubStatus GetPortStatus (00h)	Zero Zero	Zero Port	4 bytes 4 bytes	Hub Status Port Status
00100000B 00100001B	ClearHubFeature ClearPortFeature (01h)	Feature Feature	Zero Port	Zero Zero	None
00000000B 00100001B	SetHubFeature SetPortFeature (03h)	Feature Feature	Zero Timeout, Port Selector	Zero	None
10100000B	GetHubDescriptor (06h)	Descriptor Type and Descriptor Index	Zero or Language ID	Descriptor Length	Descriptor
00100000B	SetHubDescriptor (07h)	Descriptor Type and Descriptor Index	Zero or Language ID	Descriptor Length	Descriptor
00100000B	SetHubDepth (12h)	Zero	Zero	Zero	None
10100001B	GetPortErrorCount (13h)	Zero	Port	Two	None