

USB4 Re-timer 0.96 ENGINEERING CHANGE NOTICE FORM

Title: Sideband Metadata Register Size

Applied to: USB4 Re-timer Specification Version 0.96

Brief description of the functional changes:
Changes the size of the Metadata register from 16 Bytes to 4 Bytes.

Benefits as a result of the changes:
Removes unnecessary Bytes and allows for smaller register.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
None

An analysis of the hardware implications:
None

An analysis of the software implications:
None

An analysis of the compliance testing implications:
None

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Actual Change

(a). Table 4-1 Re-timer SB Registers

From Text:

Register	Size (Bytes)	Name	Description
9	16	Metadata	Metadata written or read with a Port Operation.

To Text:

Register	Size (Bytes)	Name	Description
9	164	Metadata	Metadata written or read with a Port Operation.

(b). Table 4-3 SB Register Fields

From Text:

Register	Register Name	Byte	Bits	Field Name and Description	Type	Default Value
9	Metadata	16	7:0	Metadata	RW	0

To Text:

Register	Register Name	Byte	Bits	Field Name and Description	Type	Default Value
9	Metadata	164	7:0	Metadata	RW	0