

USB4 Re-timer 0.96 ENGINEERING CHANGE NOTICE FORM

Title: Reserved Transactions Rules

Applied to: USB4 Re-timer Specification Version 0.96

Brief description of the functional changes:
Changes the general rule for Transactions so that, when a Re-timer is not the only target of a Transaction, it will not ignore a Transaction with reserved values.

Benefits as a result of the changes:
Forward compatibility with new Sideband transactions.

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 1-1 Rsvd Value and Field Handling

From Text:

Type	Handling
Transaction Values	A transmitter shall not use a value in this specification that is marked as “Rsvd”. The target of a Transaction shall ignore a Transaction that has any of its defined fields set to a Rsvd value and proceed as if the Transaction was never received.
Ordered Set Values	A transmitter shall not use a value in this specification that is marked as “Rsvd”. The target of an Ordered Set shall ignore an Ordered Set that has any of its defined fields set to a Rsvd value and proceed as if the Ordered Set was never received.

To Text:

Type	Handling
Transaction Values	A transmitter shall not use a value in this specification that is marked as “Rsvd”. <u>If a Re-timer is the only</u> The target of a Transaction, <u>it</u> it shall ignore a Transaction that has any of its defined fields set to a Rsvd value and proceed as if the Transaction was never received.
Ordered Set Values	A transmitter shall not use a value in this specification that is marked as “Rsvd”. The target of an Ordered Set shall ignore an Ordered Set that has any of its defined fields set to a Rsvd value and proceed as if the Ordered Set was never received.