

# USB4 1.0 ENGINEERING CHANGE NOTICE FORM

**Title:** DP Capability

**Applied to:** USB4 Specification Version 1.0

**Brief description of the functional changes:**

Changes polarity of FEC, DSC and LTTPR capabilities in a DP OUT Adapter

**Benefits as a result of the changes:**

Fixes a bug in the spec in respect to the ecosystem

**An assessment of the impact to the existing revision and systems that currently conform to the USB specification:**

**An analysis of the hardware implications:**

**An analysis of the software implications:**

**An analysis of the compliance testing implications:**

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## Actual Change

(a). Table 8-16

DW	Register Name	Bit(s)	Field Name and Description	Type	Default Value
4	DP_LOCAL_CAP	25	<b>FEC <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	RO	Vendor Defined
4	DP_LOCAL_CAP	27	<b>LTTPR <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	RO	Vendor Defined
4	DP_LOCAL_CAP	29	<b>DSC <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	RO	Vendor Defined
5	DP_REMOTE_CAP	25	<b>FEC <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	R/W	0
5	DP_REMOTE_CAP	27	<b>LTTPR <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	R/W	0
5	DP_REMOTE_CAP	29	<b>DSC <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	R/W	0
7	DP_COMMON_CAP	25	<b>FEC <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	RO	0
7	DP_COMMON_CAP	27	<b>LTTPR <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	RO	0
7	DP_COMMON_CAP	29	<b>DSC <del>Not Supported</del>Capability</b> 0: <del>Not supported</del> Supported 1: <del>Not</del> Supported	RO	0