

# USB4 1.0 ENGINEERING CHANGE NOTICE FORM

**Title:** DP Capability

**Applied to:** USB4 Specification Version 1.0

<b>Brief description of the functional changes:</b>
Changes polarity of FEC, DSC and LTTPR capabilities in a DP OUT Adapter

<b>Benefits as a result of the changes:</b>
Fixes a bug in the spec in respect to the ecosystem

<b>An assessment of the impact to the existing revision and systems that currently conform to the USB specification:</b>

<b>An analysis of the hardware implications:</b>

<b>An analysis of the software implications:</b>

<b>An analysis of the compliance testing implications:</b>

# USB4 1.0 ENGINEERING CHANGE NOTICE FORM

## 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>LTPR <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>LTPR <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>LTPR <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