High Definition Display Controller

Compliant with VESA DisplayPort alt mode on USB Type-C standard 1.0
- Compliant with USB power delivery specification 3.0
- Compliant with USB Type-C cable and connector specification 1.3
- Built-in dual CC controllers for charger and normal communication
- Data roles supported: DFP, UFP and DRP
- Support HDCP 1.4/2.2/2.3
- Support HDCP repeater
- Support 4K@60Hz
- Support HDR10
- Support CEC

Compliant with DisplayPort specification 1.2a for 1.62Gbps, 2.7Gbps, 5.4Gbps
- Compliant Embedded DisplayPort specification version 1.4
- Support DisplayPort 1/2/4 lanes
- Support HDCP 1.3/2.2/2.3
- Support HDCP repeater
- Support 4K@60Hz
- Support HDR10
- Support ASSR for eDP

Compliant with HDMI2.0b, HDMI1.4 and DVI1.0
- Data rate up to 6Gbps
- Support HDCP 1.4/2.2/2.3
- Support HDCP repeater
- Support 4K@60Hz
- Support HDR10
- Support CEC

Compatible with VESA and JEIDA standard
- Support 1/2/4 configurable ports
- 1 Clock lane and 3/4/5 configurable data lanes per port
- Data rate up to 1.2Gbps per data lane
- Support 4K@60Hz
- Programmable transmitter swing
- Support SSC

Compliant with D-PHY1.2 & DSI 1.3 & CSI-2 1.3, 1 clock lane, and 1/2/3/4 configurable data lanes, and 8

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