

Type-C to DVI Converter



Features & Specification

1. General Description

The CAB-702 USB Type-C to DVI converter combines a USB Type-C input interface and a digital High-Definition Multimedia Interface (DVI) output.

Billboard controller and Display Port (DP) to DVI v1.1 converter into a single chip which support the Display Port Alternate Mode on USB Type-C applications.

The CAB-702 is a highly integrated single chip suitable for multiple market segments and display applications, such as dongle, docks station, monitor, television(TV), projector, signage, stream box etc..

2. Features

General USB Type-C Specification 1.1 / VESA Display Port (DP) v1.4 compliant receiver

DVI specification v1.1 compliant transmitter, data rate up to 3 Gbps per channel.

Support all USB Type-C Channel Configuration (CC)

Embedded EDID (CAB-702 will response EDID if terminal device doesn't have it)

Support RGB 4:4:4 8/10bit bpc and YCbCr 4:4:4, YCbCr 4:2:2 8/10-bit bpc

, Support full link training and no link training, Support High Dynamic Range (HDR) / Support 3D timing, USB Type-C Display Port(DP) Alt Mode Input (receiver), USB Type-C Specification 1.1 and backward compatible with Type-C Specification 1.0 VESA Display Port v1.4 compliant. Support 2-lane HBR2(5.4-Gbps) input. USB Type-C Channel Configuration (CC) function

Support Hot Plug Detect (HPD), DVI Output Interface (transmitter) Max data rate up to 3Gbps per channel Support up to 1080P.

Power Free

Temperature Range: -40°C to +85°C,

Contents: USB Type-C male to DVI male with 1.8m cable