Type-C to DVI Converter

Features & Specification

1. General Description

The C2D-100 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 C2D-100-P 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 (C2D-100 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 / With 5V Power Jack (USB Power Cable & 5V AC Adapter option),
Temperature Range: -40°C to +85°C,
Dimension : 46 * 48 *15 (mm) +15cm Cable Weight : 45g~60g include cable