Xin-HDMI8
The HDMI input card

Xin-DVI8
The DVI input card

Features

- 8 HDMI-A bus interface input.
- The longest input distance is up to 20M.
- Support EDID editing function.
- Is compatible with the HDMI1.4 standard, HDCP1.3 protocol, DVI1.0 protocol.
- Maximum resolution support:
    HDPC: 1920x1200P@60_24bit.
    HDTV: 1920x1080P@60_36bit.

Features

- 8 DVI-D bus interface input.
- The longest input distance of 20M.
- Support EDID editing function.
- Is compatible with the HDMI1.4 standard, HDCP1.3 protocol, DVI1.0 protocol.
- Maximum resolution support:
    HDPC: 1920x1200P@60_24bit.
    HDTV: 1920x1080P@60_36bit.

Specifications

The parameter name	Xin-HDMI8	
Interface	8 HDMI-A bus interface input	
Agreement	Complete support for the HDMI1.4 protocol of 3D, including support for the mainstream of 3D display mode in HDM11.4 protocol, but does not include the 3D_1080P@120Hz downward compatible with HDM11.3 standard, HDCPI.3 protocol, DVII.0 protocol.	
Video	Gain	0 dB
	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum support resolution	HDPC: 1920x1200P@60_24bit HDTV : 1920x1080P@60_36bit 3D Format: 1920x 1080P@24_36bit
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Maximum transmission delay	5nS(±1nS)
	Signal strength	T.M.D.S. +/- 0.4Vpp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	50 Ω
	EDID	Optional default EDID or field programmable
	Maximum DC offset error	15mV
	The recommended maximum input distance	Less than 20 meters, in the 1920x1200@60 (recommended use certified HDMI special wire, such as Molex TM wire)
The product weight		0. 5Kg
Maximum power dissipation		12W

Specifications

The parameter name	Xin-DVI8	
Interface	8 DVI-D bus interface input	
Agreement	Compatible with HDM11.3 standard, HDCPI.3 protocol, DVII.0 protocol	
Video	Gain	0 dB
	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum support resolution	HDPC: 1920x1200P@60_24bit HDTV : 1920x1080P@60_36bit
	Clock Jitter	<0.15 Tbit
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	The recommended maximum input distance	Less than 20 meters, in the 1920x1200@60 (recommended use certified DVI special wire, such as Molex TM wire)
The product weight		0. 5Kg
Maximum power dissipation		12W

Xout-HDMI8
The HDMI output card

Features

- 8 HDMI-A master interface output.
- The longest output distance of 7M.
- Is compatible with the HDM11.4 standard, HDCPl.3 protocol, DVII.0 protocol.
- Maximum resolution support:
  HDPC: 1920x1200P@60_24bit.
  HDTV: 1920x1080P@60_36bit.

Specifications

The parameter name	Xout-HDMI8
Interface	8 HDMI-A master interface output
Agreement	Complete support for the HDMI1.4 protocol of 3D, including support for the mainstream of 3D display mode in HDM11.4 protocol, but does not include the 3D_1080P@120Hz downward compatible with HDM11.3 standard, HDCPl.3 protocol, DVII.0 protocol.

	Gain	0 dB
Video	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum support resolution	HDPC: 1920x1200P@60_24bit HDTV：1920x1080P@60_36bit 3D Format: 1920x 1080P@24_36bit
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Maximum transmission delay	5nS(±1nS)
	Signal strength	T.M.D.S. +/- 0.4Vpp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	50 Ω
	EDID	N/A
	Maximum DC offset error	15mV
	The recommended maximum output distance	Less than 7 meters, in the 1920x1200@60 (recommended use certified HDMI special wire, such as Molex TM wire)
The product weight		0.5Kg
Maximum power dissipation		10W

Xout-DVI8
The DVI output card

Features

- 8 DVI-D master interface output.
- The longest output distance of 7M.
- Compatible with HDMI1.4 standard, HDCPl.3 protocol, DVI1.0 protocol.
- Maximum resolution support:
  HDPC: 1920x1200P@60_24bit.
  HDTV: 1920x1080P@60_36bit.

Specifications

The parameter name	Xout-DVI8
Interface	8 DVI-D master interface output
Agreement	Compatible with HDMI1.3 standard, HDCP1.3 protocol, DVI1.0 protocol

	Gain	0 dB
Video	Pixel bandwidth	165MHz, full digital
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)
	Maximum support resolution	HDPC: 1920x1200P@60_24bit HDTV：1920x1080P@60_36bit
	Clock Jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Maximum transmission delay	5nS(±1nS)
	Signal strength	T.M.D.S. +/- 0.4Vpp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	50 Ω
	EDID	N/A
	Maximum DC offset error	15mV
	The recommended maximum output distance	Less than 7 meters, in the 1920x1200@60 (recommended use certified DVI special wire, such as Molex TM wire)
The product weight		0.5Kg
Maximum power dissipation		10W