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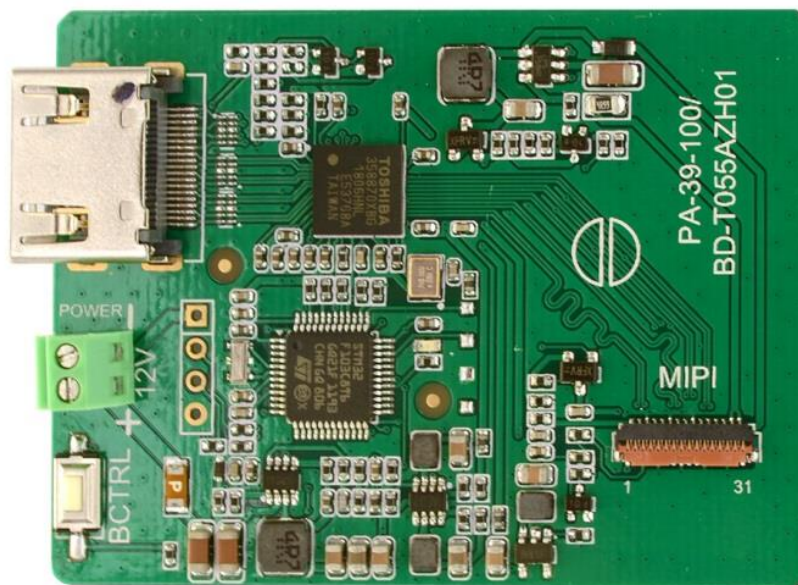
Datasheet

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PrismaMIPI-HDMI

HDMI to MIPI Interface for Beverly Displays BD-T055AZH

PA-39-100



Version 1.0

03.01.2019

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1 Revision History

Date	Rev.No.	Description	Page
Jan. 3, 2019	1.0	Initial version	All

2 Overview

PrismaMIPI-HDMI is our cost-efficient HDMI to MIPI converter board for the direct connection of Beverly Displays' BD-TO55AZH-01 TFT display with full HD resolution (1080x1920).
The board is mechanically designed for easy assembly on the back side of the TFT Display.

3 Input

- HDMI 1.4 / 2.0
- Optional: HDCP 1.4

4 Features

- Vcc +12V
- Brightness control via button

5 Electrical Characteristics

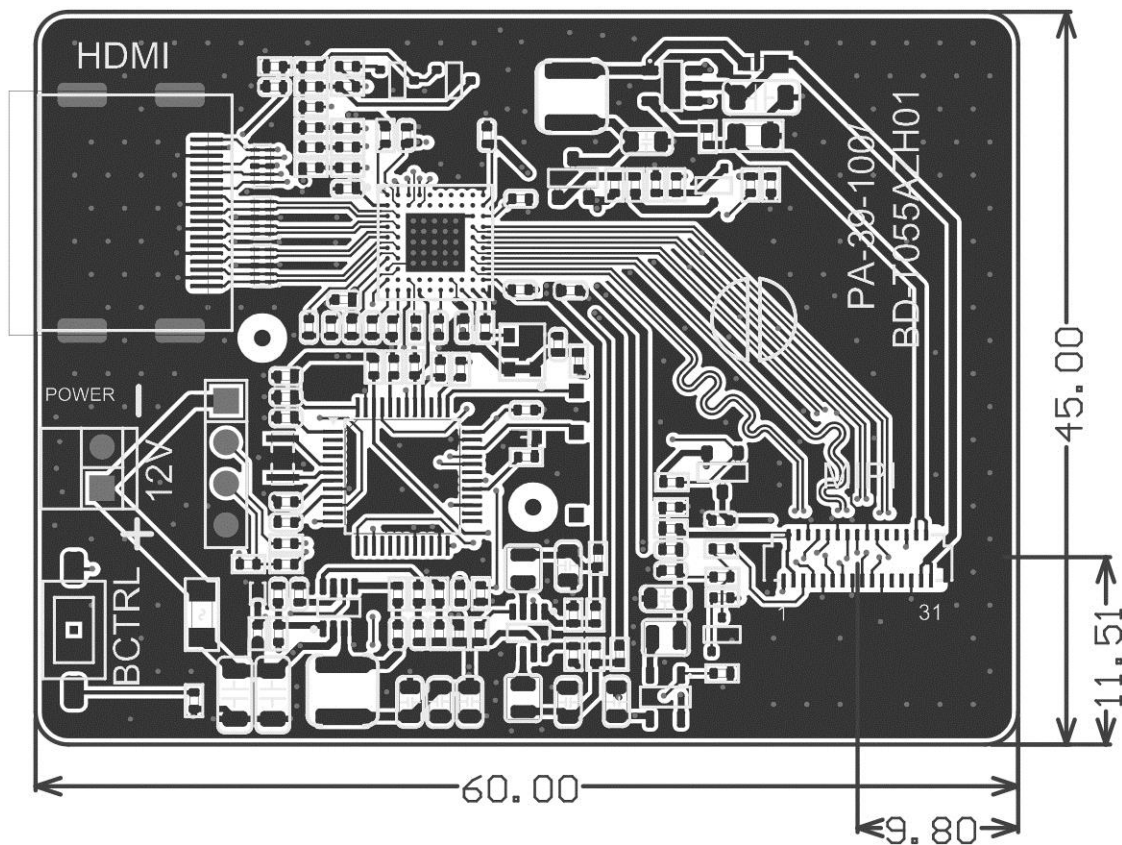
All measurements done at 25°C ambient temperature

Item	Condition	MIN	TYP.	MAX.	Unit	Note
Supply Voltage (12V)		11.5	12.0	12.5	VDC	
Current Consumption (Vcc)	Board Only	-	tbd	-	mA	

6 Absolute Maximum Ratings

DESCRIPTION	Signal	Min.	Max.	Unit	Note
Supply Voltage	V _{CC}	0	12.5	VDC	
Storage Temperature	T _{ST}	-35	+85	°C	
Operating Temperature	T _{OP}	-20	+80	°C	

7 Outline Dimensions



Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

Headquarters

Germany



FORTEC Elektronik AG

Lechwiesenstr. 9
86899 Landsberg am Lech

Phone: +49 8191 91172-0
E-Mail: sales@forteca.de
Internet: www.forteca.de

Fortec Group Members

Austria



FORTEC Elektronik AG

Office Vienna

Nuschinggasse 12
1230 Wien

Phone: +43 1 8673492-0
E-Mail: office@fortec.at
Internet: www.fortec.at

Germany



Distec GmbH

Augsburger Str. 2b
82110 Germering

Phone: +49 89 894363-0
E-Mail: info@distec.de
Internet: www.distec.de

Switzerland



ALTRAC AG

Bahnhofstraße 3
5436 Würenlos

Phone: +41 44 7446111
E-Mail: info@altrac.ch
Internet: www.altrac.ch

United Kingdom



Display Technology Ltd.

Osprey House, 1 Osprey Court
Hichingbrooke Business Park
Huntingdon, Cambridgeshire, PE29 6FN

Phone: +44 1480 411600
E-Mail: info@displaytechnology.co.uk
Internet: www.displaytechnology.co.uk

USA



Apollo Display Technologies, Corp.

87 Raynor Avenue,
Unit 1 Ronkonkoma,
NY 11779

Phone: +1 631 5804360
E-Mail: info@apolloDisplays.com
Internet: www.apolloDisplays.com