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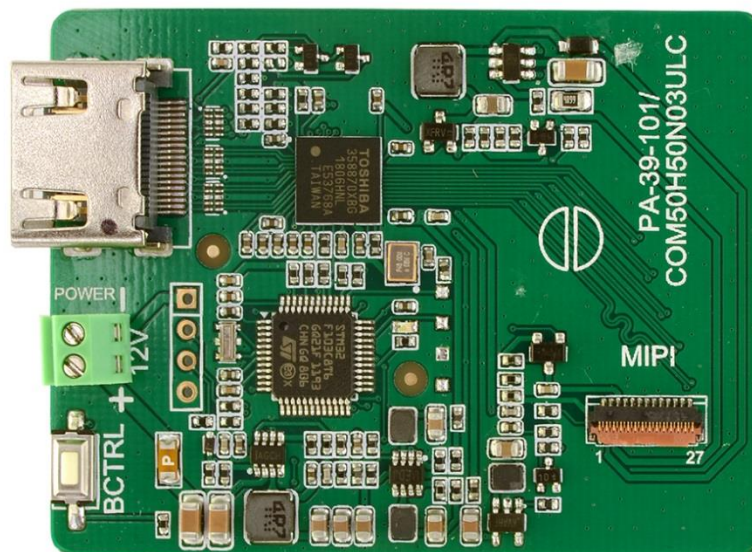
Datasheet

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PrismaMIPI-HDMI

HDMI to MIPI Interface for Ortustech COM50H5N03ULC

PA-39-101



Version 1.1

26.03.2019

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1 Revision History

Date	Rev.No.	Description	Page
Jan. 2, 2019	1.0	Initial version	All
Mar.26, 2019	1.1	Power Consumption added	5

2 Overview

PrismaMIPI-HDMI is our cost-efficient HDMI to MIPI converter board for the direct connection of Ortustech's COM50H5N03JULC TFT display with HD resolution (720x1280).

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

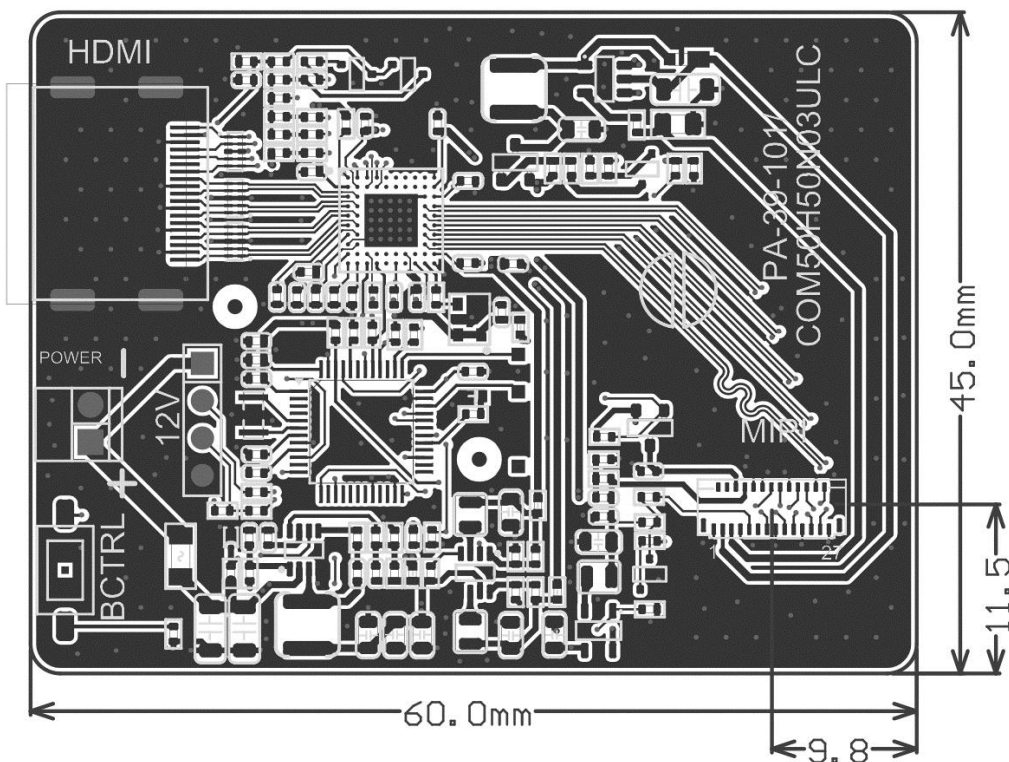
All measurements done at 25°C ambient temperature

Item	Condition	MIN	TYP.	MAX.	Unit	Note
Supply Voltage (12V)		11.5	12.0	12.5	VDC	
Power Consumption	Board Only	-	0,5	-	W	

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