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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

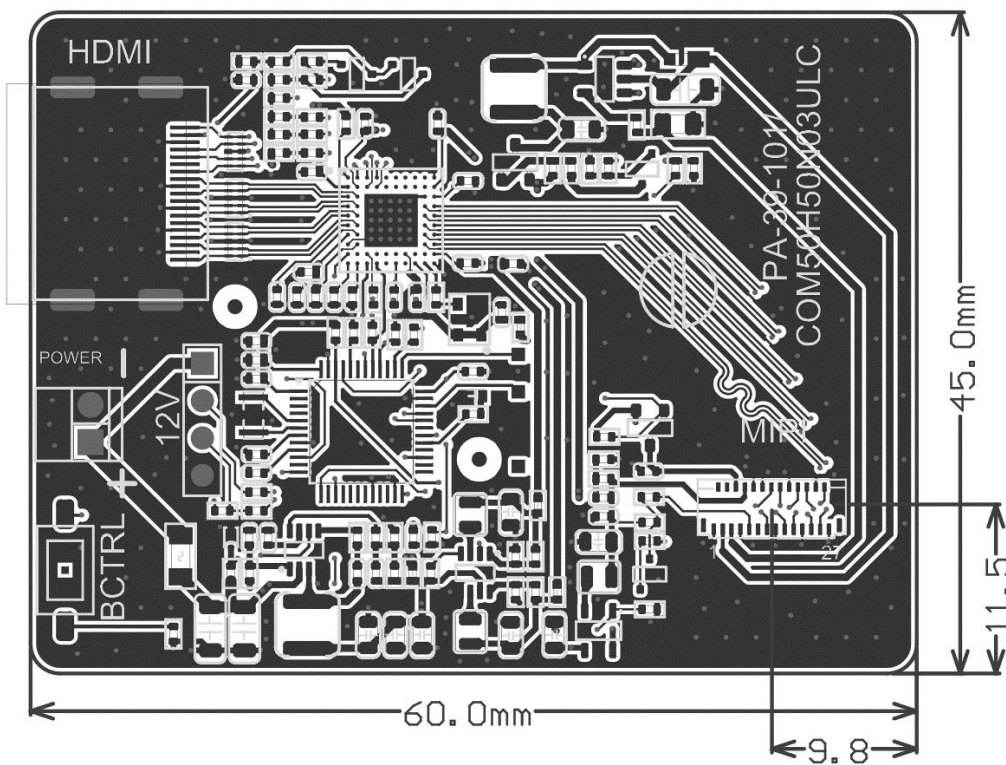
All measurements done at 25°C ambient temperature

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 <sub>CC</sub>	0	12.5	VDC	
Storage Temperature	T <sub>ST</sub>	-35	+85	°C	
Operating Temperature	T <sub>OP</sub>	-20	+80	°C	

## 7 Outline Dimensions



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