

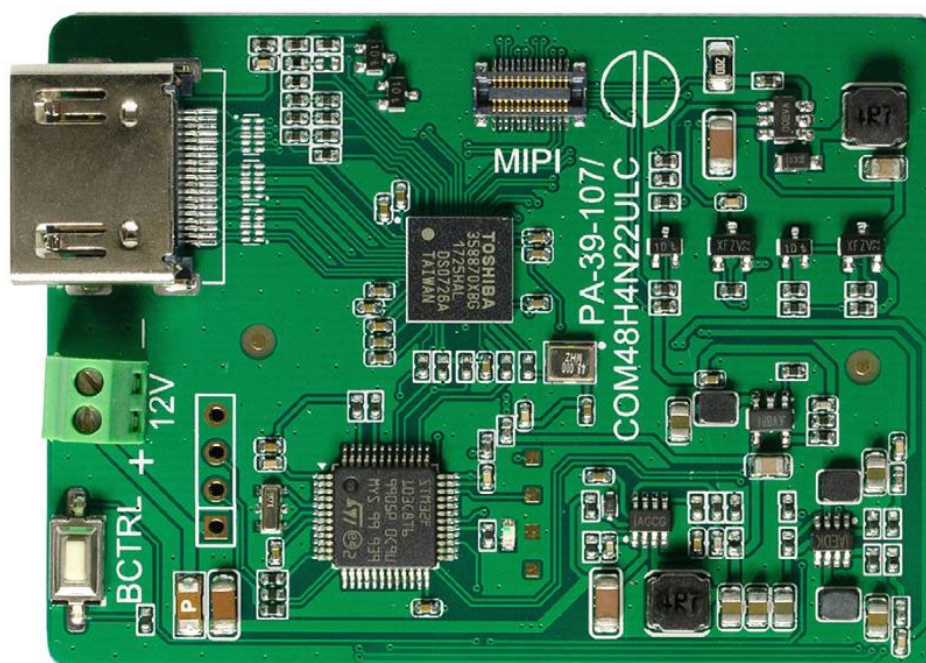
Datasheet

FORTEC Integrated

PrismaMIPI-HDMI

HDMI to MIPI Interface for Ortustech COM48H4N22ULC

PA-39-107



Version 1.0

22.01.2020



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1 Revision History

Date	Rev.No.	Description	Page
22.01.2020	1.0	Initial version	All

2 Overview

PrismaMIPI-HDMI is our cost-efficient HDMI to MIPI converter board for the direct connection of Ortustech's COM48H4N22ULC TFT display with WXGA 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

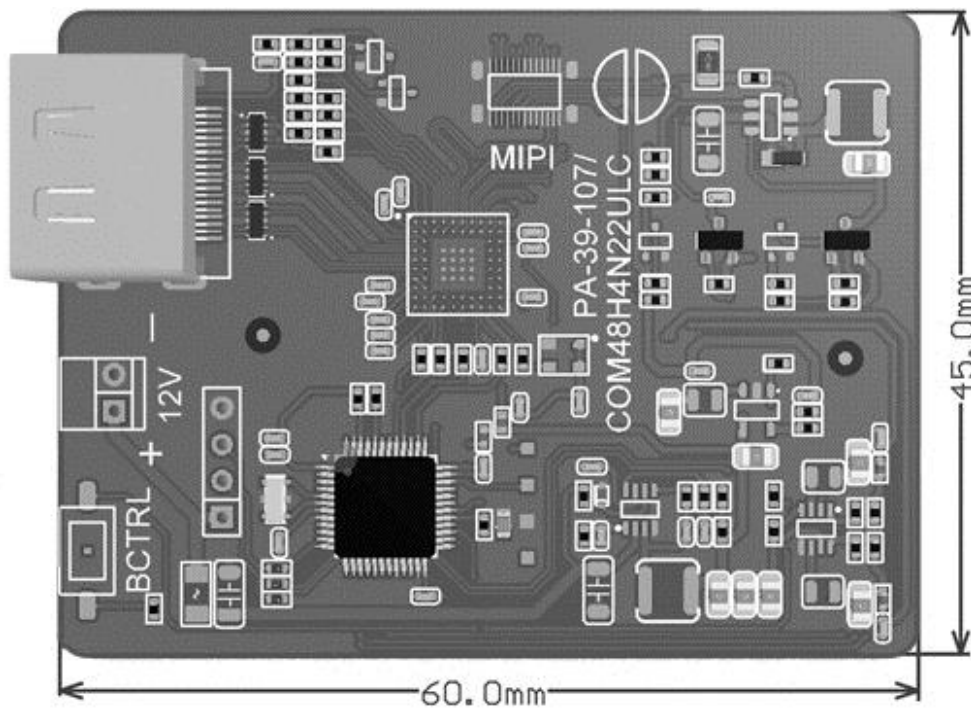
All measurements done at 25°C ambient temperature

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



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