

Demand S2486-01



1. General Description

1-1. Introduction

The S2486 is designed for Full HD TFT flat panel interface board, the S2486 has below features :

- HDMI X 1
- Display port X 1n
- Audio 2W X 2
- +5V Outputt
- I2C I/F

1-2. Electrical Characteristics

Item	Symbol	Min	Max	Unit
Power Supply	Vs	11.5	12.5	V
Panel Power	Vp	4.8	12	V
Brightness	BL-ADJ	0.1	3.6	V
Panel On/Off	ON_OFF	0.5	5	V

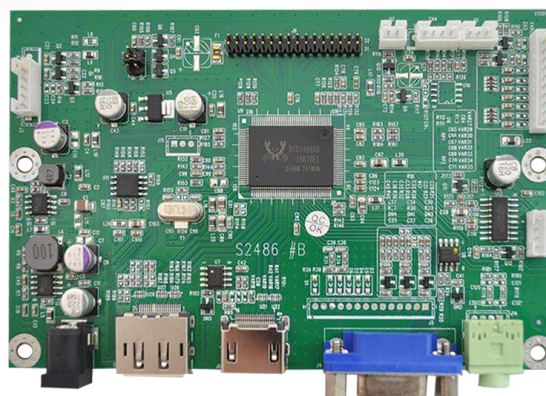
1-3. Power consumption

Resolution : 1920 x 1080 60Hz

VIN : DC 12V

Item	Min	Max	Unit
A/D Board Only	5	7.5	W
Power saving	0.7	1	W

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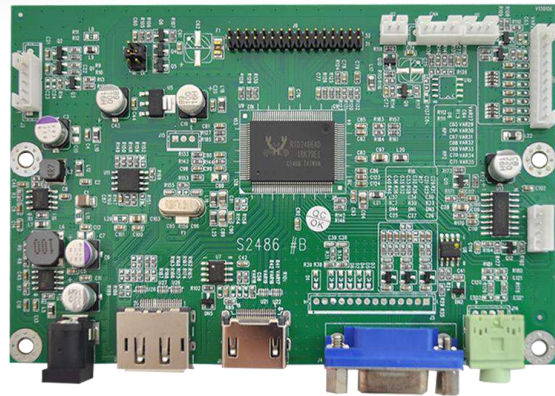
2. Operating Environment

- Operating Temperature : -20°C ~ +70°C
- Storage Temperature : -30°C ~ +75°C
- Humidity Max : 80 %

3. Applicable Timing

Resolution	Refresh Rate	Horizontal Frequency	Pixel Frequency	Standard Type	Remarks
640 x 480	60 Hz	31.50 KHz	25.175MHz	Industrial Standard	
	75 Hz	37.50 KHz	31.500 MHz	VESA Standard	
800 x 600	60 Hz	37.90 KHz	40.000MHz	VESA Standard	
	72 Hz	48.10 KHz	50.000MHz	VESA Standard	
	75 Hz	46.90 KHz	49.500MHz	VESA Standard	
1024 x 768	60 Hz	48.40 KHz	65.000MHz	VESA Standard	
	70 Hz	56.50 KHz	75.000MHz	VESA Standard	
	75 Hz	60.00 KHz	78.750 MHz	VESA Standard	
1280 x 1024	60 Hz	64.00 KHz	108.000MHz		
1400 x 900	60 Hz	59.9 KHz	106.500 MHz		
	75 Hz	75.0 KHz	136.750 MHz		
1920 x 1080	60 Hz	59.9 KHz	106.500 MHz		

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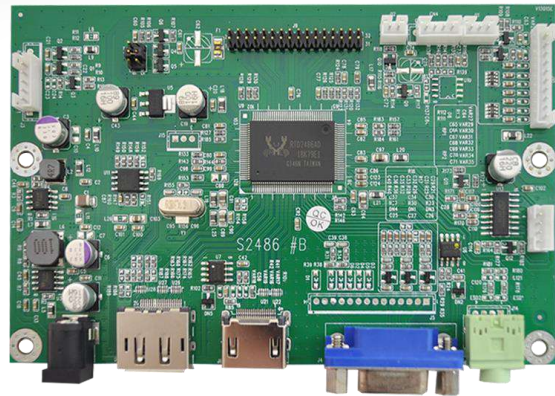


4. Mechanical Drawing

4-1. Connector Descriptions



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4-2. Mechanical Drawing

