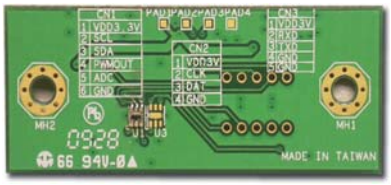
Light Sensor Board

SR-2901/2902/2903



Overview:

Spectrah SR-290 series are light sensor cards which provide power-saving & intelligent brightness control for display system. The SR-290 series measure the ambient brightness and send the information to A/D board to control the brightness automatically. The SR-290 series work with Spectrah's A/D boards and support various monitor systems with light control.

Specifications:

Sensor Chip

Digital light sensor chip
Ambient light sensing
Excellent response
Ultra low power

Output Interface

I2C output (SR-2901)
PWM output (SR-2902)
Voltage output (SR-2903)

Power Requirement

DC+3V Regulated

Operating Temperature & Humidity

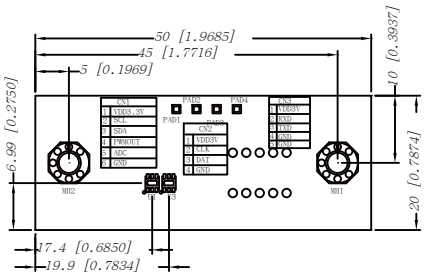
-20 °C to 75°C; 10%RH to 80%RH

Storage Temperature & Humidity

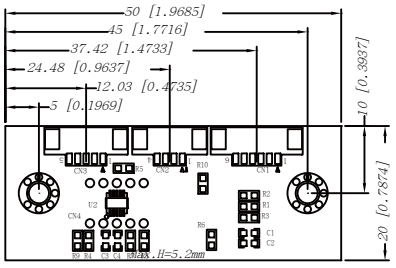
-30 °C to 85°C; 10%RH to 90%RH

Board Dimension

20 (L) x 50 (W) mm



SR-290 Rev:A1 TOP
Max.H=5.2mm



SR-290 Rev:A1 BOTTOM

Application:

- Industrial light control monitor
- Light sensor digital signage
- Brightness control broadcasting monitor)
- Industrial light control PC
- Brightness control kiosks
- Light control vehicle

Ordering Information:

- SR-2901 industrial light sensor (I2C interface output)
- SR-2902 industrial light sensor (PWM interface output)
- SR-2903 industrial light sensor (Voltage interface output)

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