

3.3V-PL 3.3VD 1.8V

TSU16AL-LF

A/D converter

Scaler

LVDS A-port

LVDS B-port

LCD Module

Inverter

Adapter

3.3V Reg.

1.8V Reg.

Micom MTV312PMV

EEPROM CAT24W C08J

H-Sync

V-Sync

R,G,B 8bits

H-Sync

V-Sync

Out - CLK

R,G,B Even

DE, H/V Sync out

R,G,B odd

DE, H/V Sync out

R,G,B differential

5V

12V

Module CTL

Control

Power CTL

Inverter CTL

On/off

Dimming

Ac to lamp

input

90-264Vac

5V

12V

3.3V-PL

3.3VD

1.8V

1.8V

5V

SDA

SCL

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3.3V-PL

3.3VD

1.8V

1.8V

5V

SDA

SCL

INPUT: 120V 60Hz
FUNDAMENTAL OPERATION FREQUENCY IS 0.030-0.083 MHz .