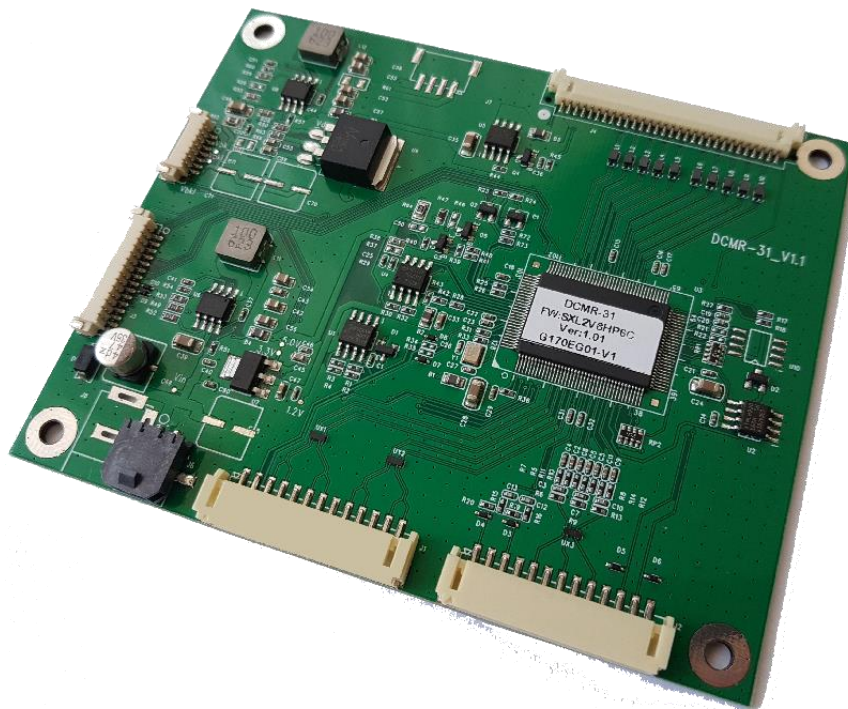


DCMR-32

DCMR-32 is a DVI/HDMI and analog RGB to LVDS converter board which accepts common video signals. Digital interfaces DVI 1.0, HDMI 1.4a and all backward compatible signals are supported as well as analog RGB. It generates all necessary control signals and panel data to drive TFT-LCDs with V_{DD} level 3.3V, 5V or 12V. This TFT-controller board supports resolutions up to 1920x1200 (WUXGA) at a vertical refresh rate up to 60Hz. The user interface includes brightness, contrast adjustment, etc. by on-screen programming.



Features

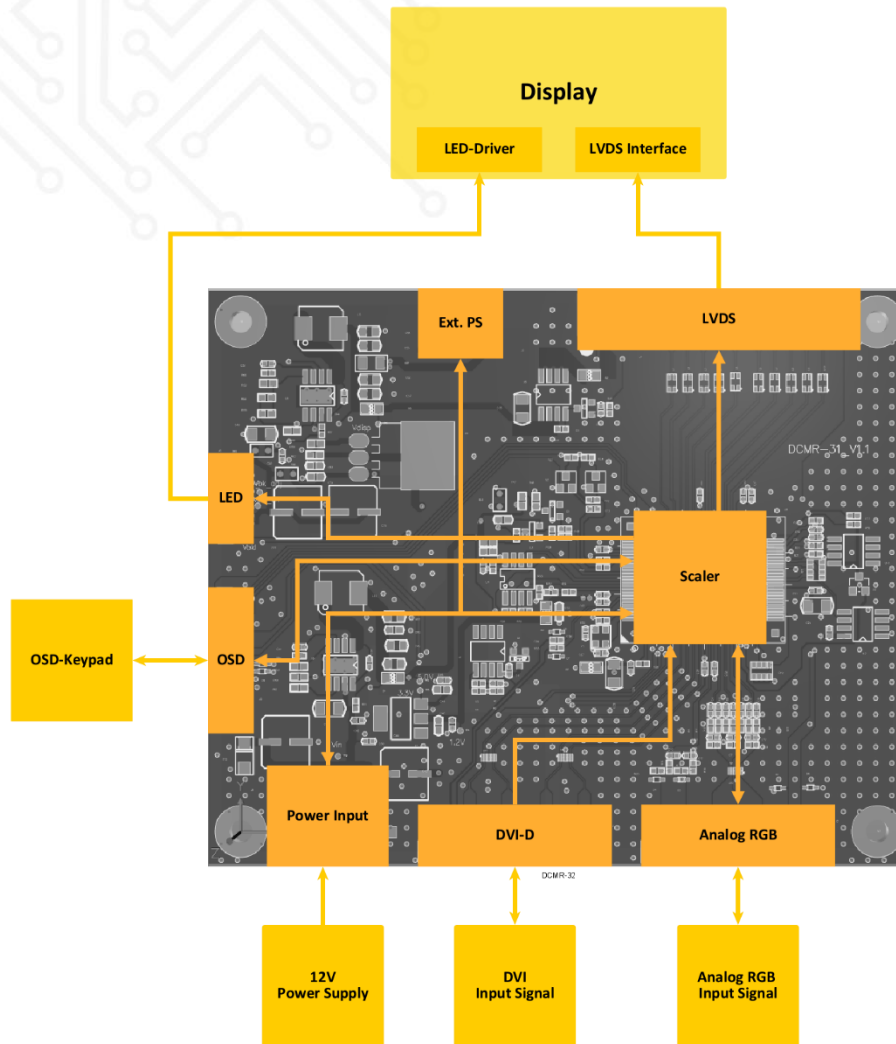
- DCMR-31 outline
- Flat design
- Separate adaptors for DVI, HDMI or VGA available
- 12V input voltage
- MCCS via DDC/CI on RGB I/F

Technical Specification

Input Interface	DVI/HDMI, RGB
Output Interface	Dual-LVDS, 24-bit
Max. Resolution	1920 x 1200 pixels (WUXGA)
Power Supply	12V/DC
Power Consumption	TBD mW
Dimensions	110mm x 90mm x 8mm (W x D x H)
Weight	TBD g
Operating Temperature	0°C ... 60°C

Typical Application

A typical application in an industrial environment is shown in the following figure:



Accessories

Part No.	Name	Description
188-00330	Power supply 12V, 5A, 2.5 x 5.5 x 11mm	Power supply 60W (12V/DC, 5A)
188-02275	PWR-MF-TL_DC-JACK-5.5-2.5_100	Power adapter cable DCMR-32 to DC jack 2.5mm x 5.5mm
188-02276	PWR-MF-TL_open-end_250	Power adapter cable DCMR-32 to open end
188-00208	VGA15F-UNC-PHR-13-0200RK REV2.0	DCMR-32 VGA adaptor cable
188-00211	DVI24+1F-UNC-PHR-13-0200	DCMR-32 DVI adaptor cable
188-00752	BTA-keypad_var.DIG_v1.0	5-button keypad with bi-color R/G SMD LED
188-02273	OSC_DCMR-44_BTA-keypad-DIG_250, Rev.A	Cable for digital OSD-keypad

Technical Support & contact information

For more information, customized adaptations and new designs please visit our [website](#).