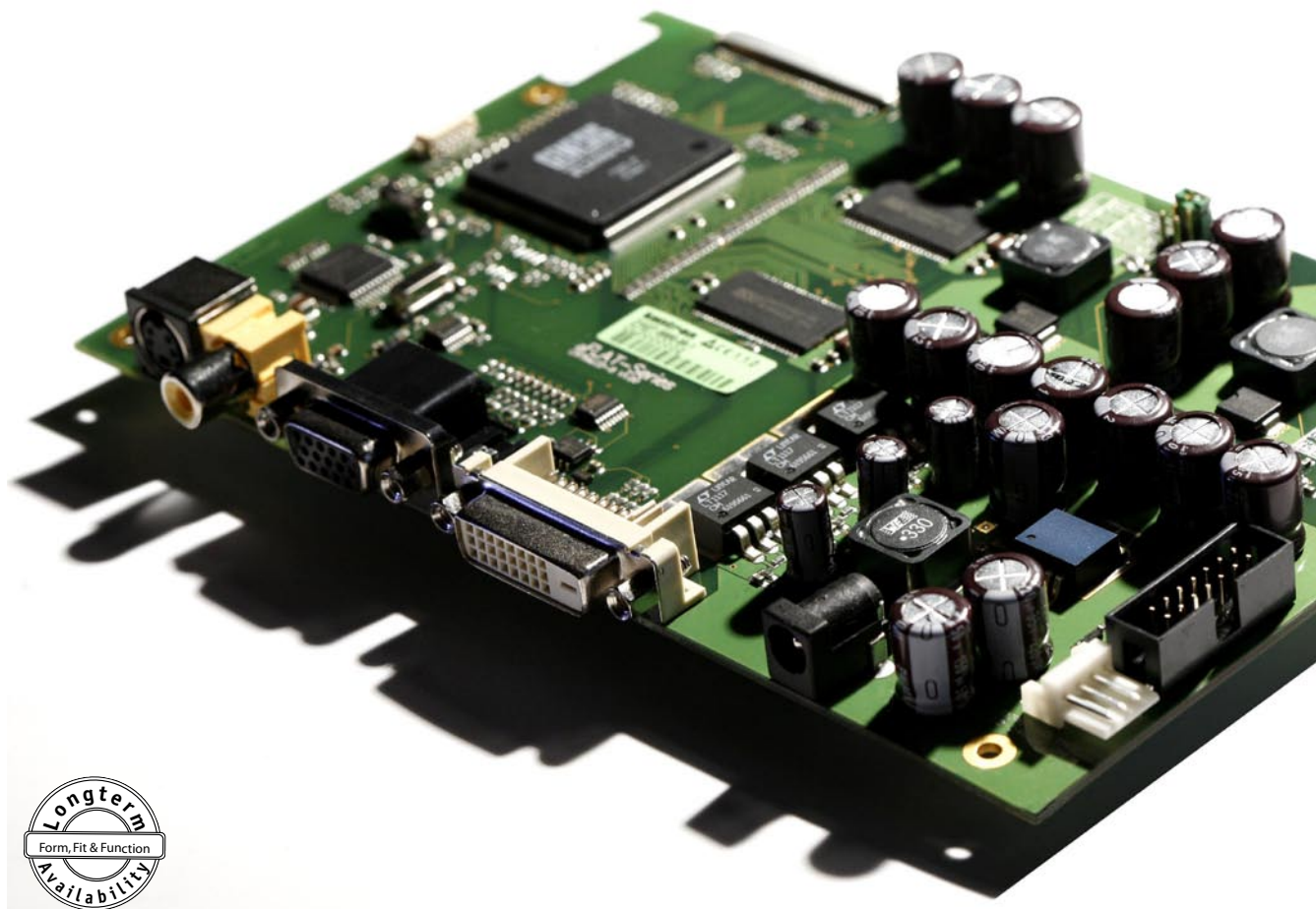


▶ CRTtoLCD-8

Flatpanel Controller



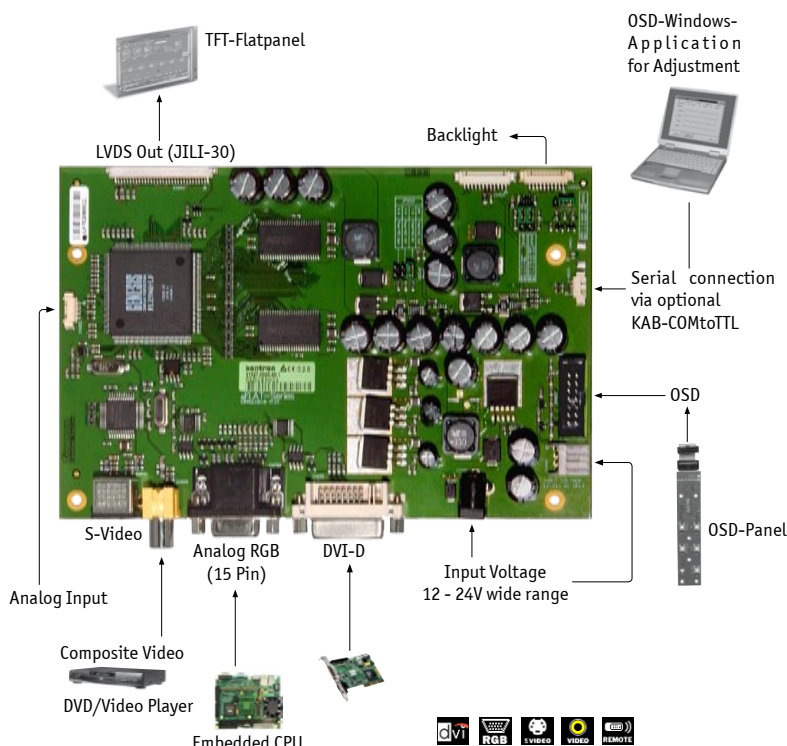
- ▶ Industrial Flatpanel Controller
- ▶ Supports Resolution up to SXGA
- ▶ Analog RGB, DVI and PAL or NTSC Video Input
- ▶ Wide range Power Supply 12 – 24 V

Product Overview

The CRTtoLCD-8 is a highly integrated flat panel controller that allows to connect standard analog RGB, DVI or Video sources to TFT flat panels. It includes all the necessary functionality to design a full featured LCD monitor. From a wide range 12 - 24 V power supply, the CRTtoLCD-8 generates all the voltages required by a TFT panel and includes power sequencing features and backlight support.

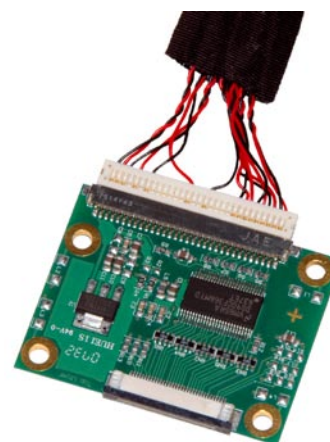
Typical Applications:

Point of Sales (POS), Point of Information (POI), Gaming Machines etc., Industrial Environment with VGA (15-Pin), DVI or Video Input.



Technical Information

RGB-Interface, DVI & Video	Highest quality up to SXGA (with full zoom & shrink capabilities)
Analog-Input Features	Analog RGB-Interface up to SXGA 15 Pin standard VGA connector, All color depths up to 24 bits/pixel
Video-Input Features	S-Video or Composite Video Input (NTSC, PAL, SECAM)
High-Quality Advanced Scaling	Independent horizontal / vertical zoom
Power Supply	Wide Range Power Supply 12 - 24 V
Integrated On-Screen Display	5 button user interface On Screen Display (OSD) control for all features
Display-Interface Features	JILI30 (2x 24 Bit LVDS) Backlight dimming support
Form Factor	180 x 119.5 mm
More Features	Cable-Kits for flat panels of all leading manufacturers are available One product for different resolutions



Optional KAB-Adapt-LVDS to TTL

Ordering Information

Article	Part.-No.	Description
CRTtoLCD-8 (full)	21027-0000-00-1	Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video-Input (for LVDS Flatpanels)
CRTtoLCD-8 (light)	21027-0000-00-2	Flatpanel Controller, with analog RGB and DVI Input (for LVDS Flatpanels)
CRTtoLCD OSD-Panel-Set	22010	OSD-Panel-Set
KAB-Adapt-LVDS to TTL	61029	Adapter to connect TTL Flatpanels to JILI30 Interface
KAB-COM to TTL	61021	Cable adapter to convert RS232 Signals to TTL (for configuration of controller via PC)

Corporate Offices

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
sales@us.kontron.com

Asia Pacific

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
kcn@kontron.cn

Kontron Embedded Modules GmbH

Flatpanel Solutions
Hamburger Straße 181
22083 Hamburg - Germany
Tel.: +49(40)200090-0
Fax: +49(40)200090-10
sales-graphic@kontron.com