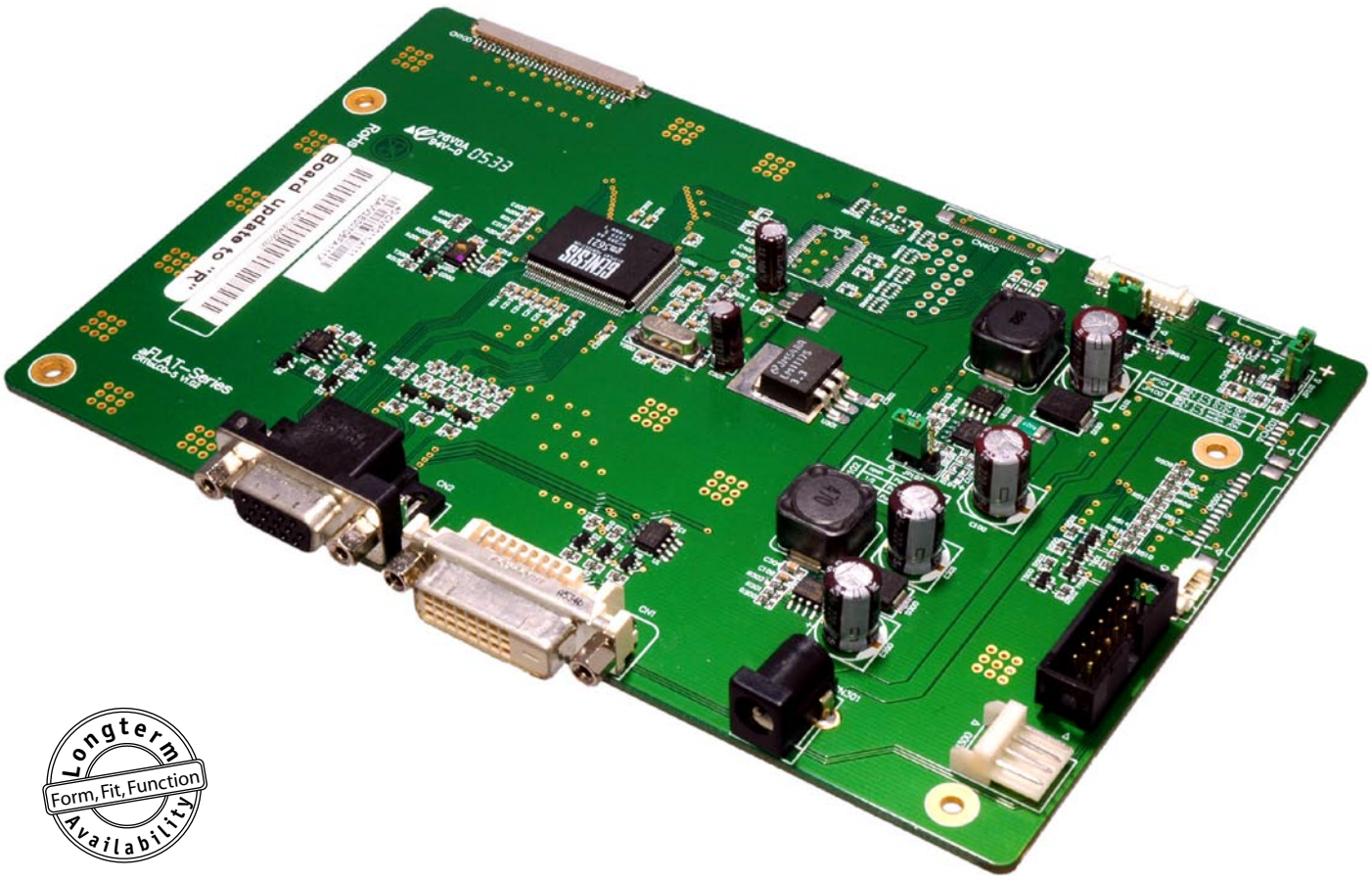
CRT*to*LCD-5

Flatpanel Controller



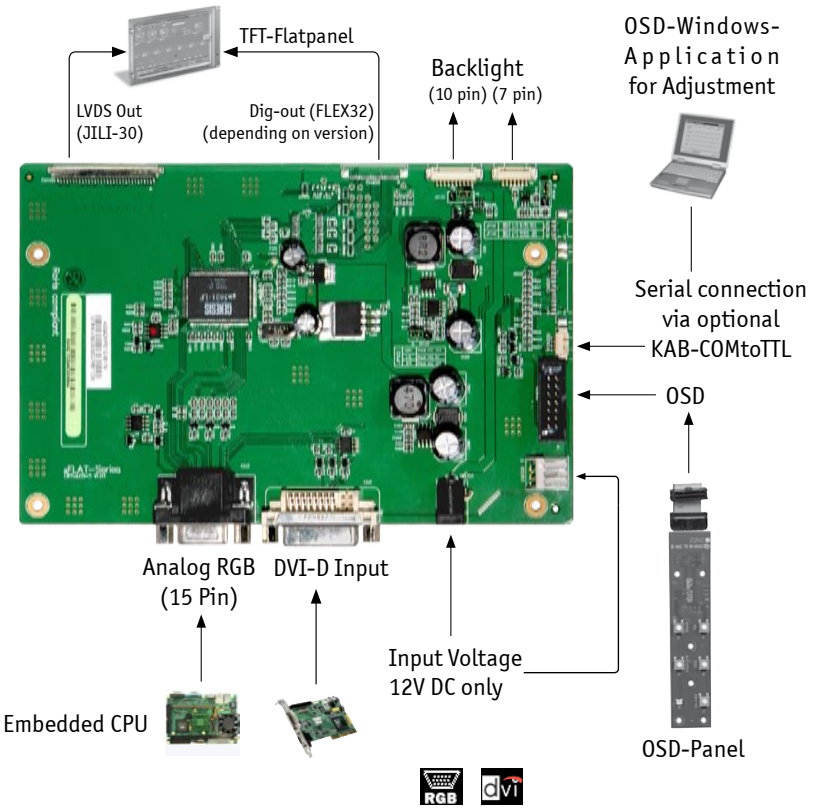
Longterm Form, Fit, Function Availability

- For easy Plug&Display connections of flatpanels to analog RGB- and DVI-Video sources
- TTL RGB (FLEX32) or LVDS (KAB-JILI30) output
- Highest picture quality by improved scaling algorithm
- Flatpanel configuration via powerful software tools

Product Overview

The **CRT*to*LCD-5** is a highly integrated flat panel controller that allows to connect standard analog RGB and DVI sources to digital TFT panels. It includes all the necessary functionality to design a full featured LCD monitor. From a single 12 V power supply, the CRTtoLCD-5 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) and DVI.



Technical Information

Analog-Input Features
Analog RGB-Interface, Resolution up to UXGA 60Hz
15 Pin standard VGA connector
All color depths up to 24 bits/pixel
DVI-Input Features
Standard DVI-D-Connector, Resolution up to UXGA 60Hz
High-Quality Advanced Scaling
Horizontal / vertical zoom
Integrated On-Screen Display
5 button user interface
On Screen Display (OSD) control for all features
Specials
Two separate onboard power supplies for flat panel (up to 3A and controller)
High power connector for backlight (up to 4A) with LVDS version
Capability of connecting light sensor to control back-light brightness (optional)
Display-Interface Features
Backlight dimming support
FLEX32 (18 Bit TTL)
JILI30 (2x 24 Bit LVDS)
Output up to SXGA @ 75Hz
Form Factor
180 x 119.5 mm
Mechanically compatible to CRTtoLCD-1, -2, -3
More Features
One product for different resolutions
Cable-Kits for flat panels of all leading manufacturers available

Ordering Information

Article	Part.-No.	Description
CRTtoLCD-5	21024	Flatpanel Controller, with analog RGB and DVI Input (for LVDS Flatpanels)
CRTtoLCD-5	21025	Flatpanel Controller, with analog RGB and DVI Input (for TTL Flatpanels)
CRTtoLCD OSD-Panel-Set	22010	OSD-Panel-Set
KAB-COMtoTTL	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-emea.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
Marschnerstieg 7
DE-22081 Hamburg, Germany
Tel.: +49(40)200090-0
Fax: +49(40)200090-10
sales@kontron.com

#CRTtoLCD-5#22092008PDL
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