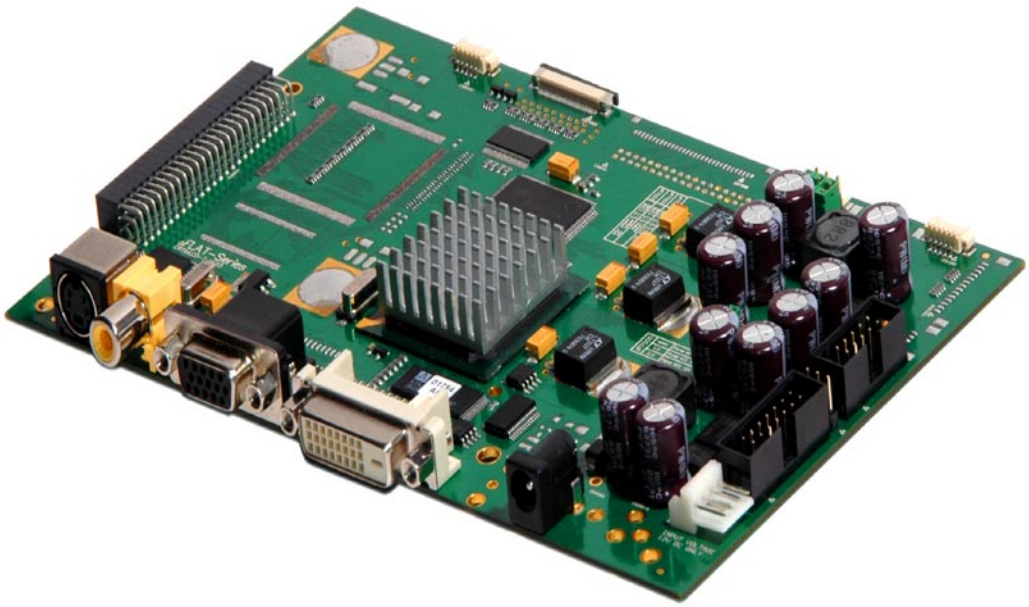
kontron

» CRT*to*LCD-7 «



Longterm Form, Fit & Function Availability

HDTV HIGH-DEFINITION TELEVISION

The Multimedia Flatpanel Controller

» LCD to CRT, DVI-D and PAL/NTSC
» Resolution up to WUXGA incl. HDTV
» Ideal for eSignage applications
» Optional with TV-Tuner
» Powerful software tools

CRT*to*LCD-7

The Multimedia Flatpanel Controller

The CRT*to*LCD-7 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 or LCD-TV. From a single 12 V power supply, the CRT*to*LCD-7 generates all the voltages required by a TFT panel and includes power sequencing features and backlight support.

Typical Applications:
Point of Sales (POS), Public TV, 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 WUXGA (with full zoom & shrink capabilities) incl. HDTV Resolution
Analog-Input Features	Analog RGB-Interface up to WUXGA 85Hz, Component RGB and YUV, Support for Sync On Green (SOG),
	Support for composite sync modes, 15 Pin standard VGA connector, All color depths up to 24 bits/pixel
DVI-Input Features	High Bandwidth Digital Content Protection
Video-Input Features	S-Video or Composite Video Input (NTSC, PAL, SECAM)
Integrated On-Screen Display	5 button user interface, On Screen Display (OSD) control for all features
TV-Tuner Extension Board (optional)	PAL/SECAM/NTSC, Audio-Amplifier
Display-Interface Features	Backlight dimming support, FLEX32 (18 Bit DTL), JILI40/JILI30 (2x 24 Bit LVDS)
Form Factor	180 x 119.5 mm
Picture-in-picture (PIP)	To display two inputs at the same time
More Features	One product for different resolutions, IR-Receiver for Standard Remote Control,
	Cable-Kits for flat panels of all leading manufacturers available

Ordering Information

Article	Part.-No.	Description
CRTtoLCD-7 (full)	21111	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for TTL Flatpanels)
CRTtoLCD-7 (full)	21112	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for LVDS Flatpanels)
CRTtoLCD-7 (light)	21113	Flatpanel Controller, with analog RGB and DVI Input (for TTL Flatpanels)
CRTtoLCD-7 (light)	21114	Flatpanel Controller, with analog RGB and DVI Input (for LVDS Flatpanels)
CRTtoLCD OSD-Panel-Set	22010	OSD-Panel-Set

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/ 77 279
info@kontron.com

North America
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@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
info@kontron.cn

#CRTtoLCD 7# 02172009WAN
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