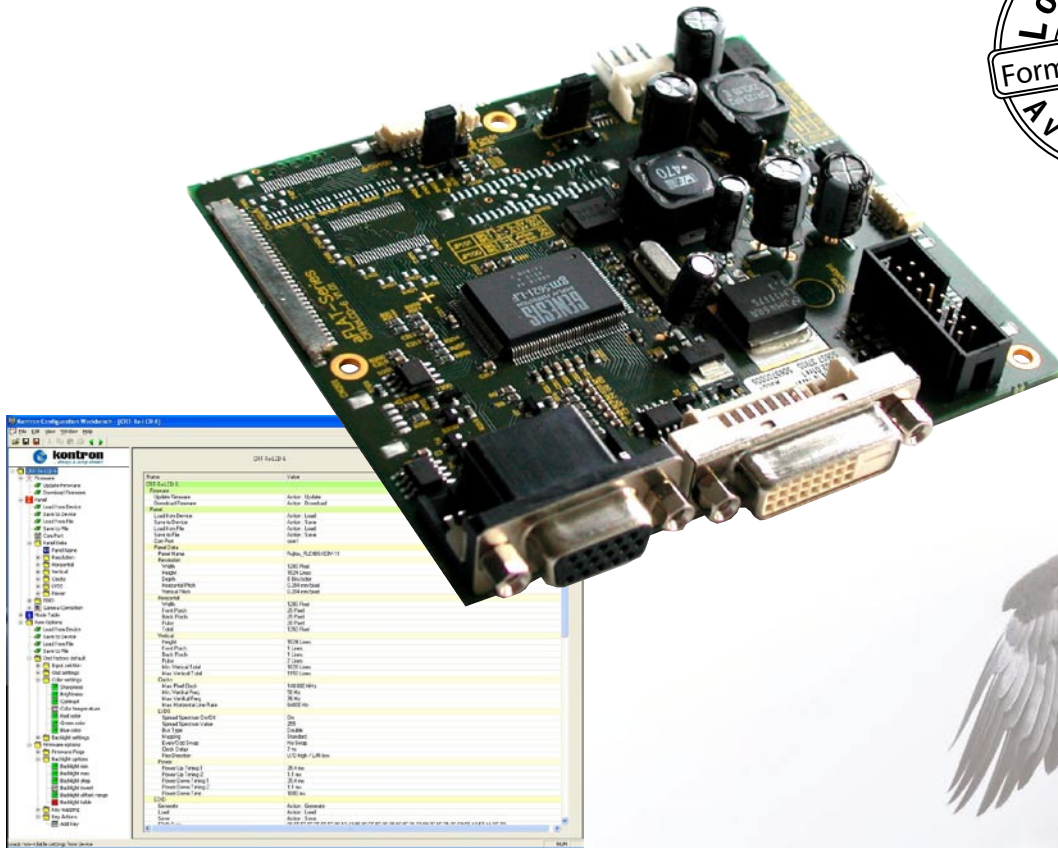


# ➤ CRTtoLCD-6

## Flatpanel Controller



KCWB - the new powerful Software Tool for aFLAT-series!

- 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 (KCWB)



If it's Embedded, it's Kontron.

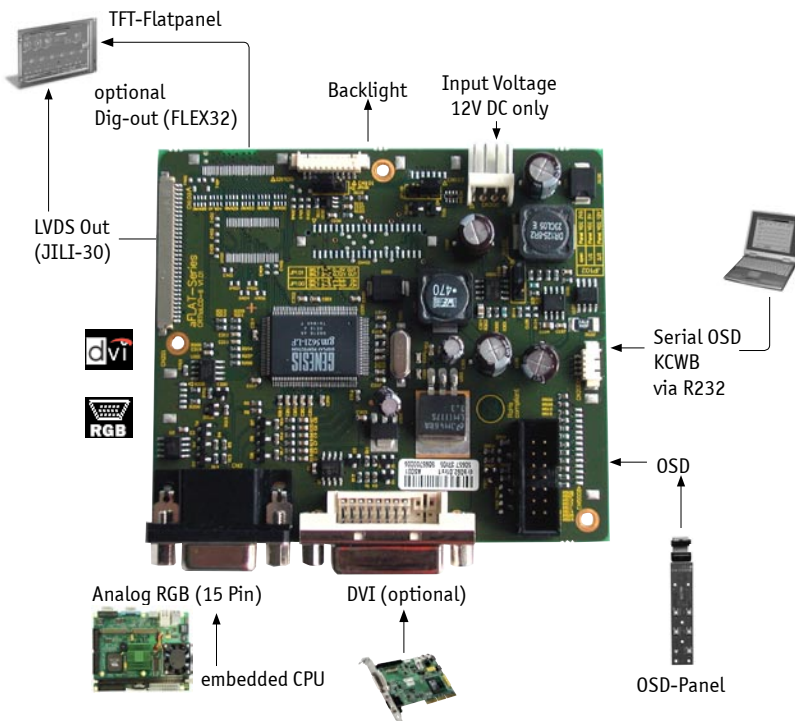
## ► Product Overview

The CRTtoLCD-6 is a highly integrated flatpanel 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-6 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

*... We Drive Your Display!*



## ► Technical Data

- One product for different resolutions
- **Analog-Input Features:**
  - Analog RGB-Interface up to UXGA 60 Hz,
  - 15 Pin standard VGA connector,
  - All color depths up to 24 bits/pixel
- **DVI-Input Features:**
  - Standard DVI-D-Connector,
  - Resolution up to UXGA 60 Hz
- **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 independent powersupplies for Flatpanel (up to 3A) and controller
  - High power connector for backlight (up to 4A) with LVDS version
  - Capability of connecting light sensor to control backlight brightness
- **Display-Interface Features:**
  - Backlight dimming support
  - FLEX32 (18 Bit TTL)
  - JILI30 (2x 24 Bit LVDS)
  - Output up to SXGA @ 75 Hz
- **Dimensions:**
  - Width 95 mm, length 118,6 mm
  - Mechanically compatible to CRTtoLCD-1-LC, - TC
- **Cable-Kits for Flatpanels of all leading manufacturers are available**

## ► Ordering Information

Article	Part.-No.	Description
CRTtoLCD-6	21082	Flatpanel Controller, with analog RGB and DVI Input (for LVDS Flatpanels)
CRTtoLCD-6	21084	Flatpanel Controller, with analog RGB Input (for LVDS Flatpanels)
CRTtoLCD-6	21081	Flatpanel Controller, with analog RGB and DVI Input (for TTL Flatpanels)
CRTtoLCD-6	21083	Flatpanel Controller, with analog RGB Input (for TTL Flatpanels)
Accessories	22010	OSD-Panel-Set

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