

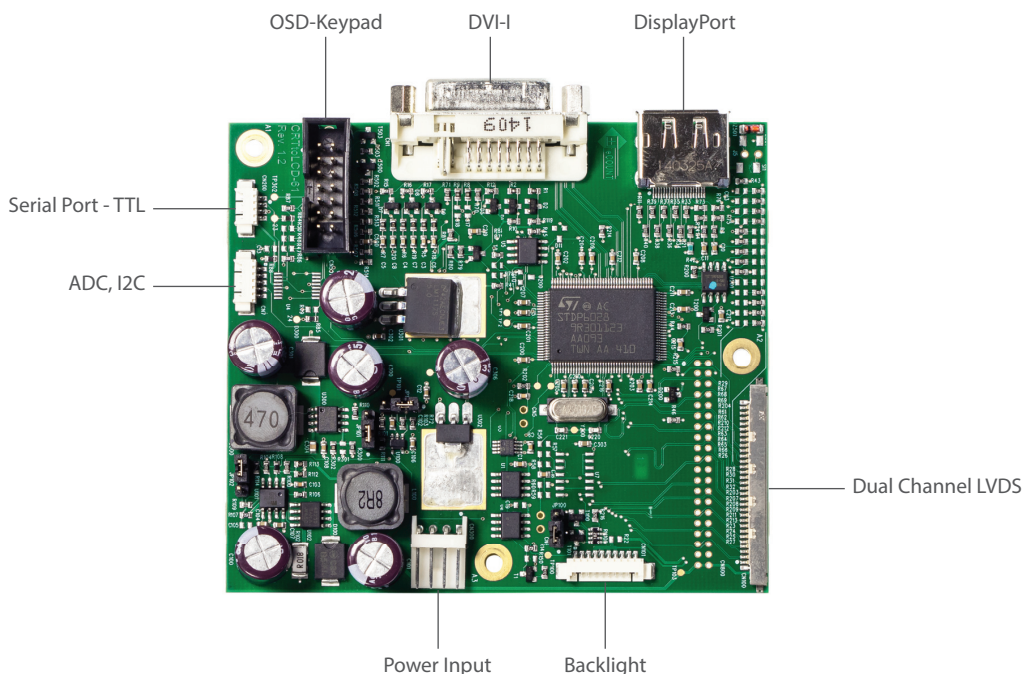
Full-HD-Flatpanel-Controller

## CRTtoLCD-61-pro

- DVI-I incl. Analog-RGB and DisplayPort (DP) inputs up to WUXGA
- Display resolution up to WUXGA (1920x1200)
- Highest picture quality due to improved scaling algorithms
- Powerful software tools including Panel-Editor and Serial-API
- Scripting support

## Full-HD-Flatpanel-Controller

### CRTtoLCD-61-pro



### Description

The CRTtoLCD-61-pro is a highly integrated Full-HD-Flatpanel-Controller that allows connection of standard Analog RGB, DVI and DisplayPort sources to TFT-LCD flatpanels.

It includes all the necessary functionality to design a full featured LCD monitor.

From a single +12V DC power supply, the CRTtoLCD-61-pro generates all required supply voltages and power sequencing. LED or CCFL backlight dimming is supported and can be controlled by PWM or absolute voltage level.

### Typical Verticals

Point of Sales (POS):

Check-in terminals

Point of Information (POI):

Public displays

Industrial Automation & Medical:

Panel-PCs, Industrial monitors

Test & Measurement:

Smart displays

Transportation:

Rugged displays

Gaming Machines:

Casino slot machines, Lottery systems,  
Open frame monitors

## Full-HD-Flatpanel-Controller CRTtoLCD-61-pro

### Technical Information

|                               |  |
|-------------------------------|--|
| DVI Input                     | <ul style="list-style-type: none"> <li>Highest quality up to WUXGA@60 Hz (with full zoom &amp; shrink capabilities)</li> </ul>   |
| Analog Input                  | <ul style="list-style-type: none"> <li>Analog-RGB-Interface via DVI-I up to WUXGA@60 Hz, All color depths up to 24 bits/pixel</li> </ul>   |
| DisplayPort Input             | <ul style="list-style-type: none"> <li>Integrated DisplayPort 1.1 compliant receiver up to WUXGA</li> </ul>  |
| High Quality Advanced Scaling | <ul style="list-style-type: none"> <li>Horizontal &amp; Vertical Zoom</li> </ul>   |
| Specials                      | <ul style="list-style-type: none"> <li>Two separate onboard power supplies for flatpanel (up to 3A) and backlight (up to 3.5A) power</li> <li>Ambient Light Sensor support to control backlight brightness via ADC input</li> <li>PWM or voltage controlled backlight dimming</li> <li>Scripting support</li> <li>DDC2Bi / VCP (also accessible via script)</li> <li>Serial-API for full access to various functions and features</li> <li>Serial-OSD for keypad-less OSD control</li> </ul> |
| Integrated On-Screen-Display  | <ul style="list-style-type: none"> <li>On Screen Display (OSD) for control of all configured features</li> </ul>   |
| Display-Interface             | <ul style="list-style-type: none"> <li>JILI30 (up to 2x24Bit dual channel LVDS) Output up to WUXGA@60Hz (1920x1200)</li> </ul>   |
| Form Factor                   | <ul style="list-style-type: none"> <li>118.60 mm x 95.0 mm x 16.5 mm (L/W/H)</li> </ul>  |
| Optional                      | <ul style="list-style-type: none"> <li>Inverter and display cable-kits for various flatpanels</li> </ul>   |

### Ordering Information

| Article         | Part.-No. | Description  |
|-----------------|-----------|--|
| CRTtoLCD-61-pro | 21087E    | Full-HD-Flatpanel-Controller with Analog-RGB(VGA) via DVI-I and DisplayPort inputs, Dual channel LVDS output |
| KAB-COMtoTTL    | 61021E    | Serial-RS232 to TTL converter cable for CRTtoLCD-51-pro/-61-pro/-71-LP/-61-LP                                |
| OSD-Panel-Set   | 22010     | 5-button On-Screen-Display(OSD)-Keypad incl. cable   |