

## 110459 Parallel Video to DVI Converter

- **Converts parallel video from Westar LCD controllers to single link DVI format at up to 162 MPixels/sec**
- **Compatible with VP7 family, VP13, and VP14**
- **Factory configurable as:**
  - **110459 (DVI output connector) or**
  - **110459\_C100 (Hirose connector for DVI output)**
- **Timing out is identical to timing in. Any re-timing or re-sizing is performed on the VPx LCD controller.**

Figure 1: 110459, shown with separately available cabling to connect to a Westar VPx board.



### Application:

The 110459 is a simple, low-cost way to add DVI output capability to many Westar LCD controllers. The 110459 converts parallel video signals to DVI. Two configurations are offered. In some applications, a standard DVI-I connector is preferred. In some embedded applications, the customer may want to connect the DVI signal to an internal connector, in which case the C100 version may be preferred. It is straightforward to build a cable utilizing the Hirose connector on the C100. In both configurations, the VPx product supplies the required 110459 input power.

Please do not hesitate to contact us about your display application.

### Order Configuration:

110459                    Includes standard DVI-I output connector (only DVI-D signals are active)  
110459\_C100            Includes DF11 (12pin) for DVI-D output

### Supporting Documentation.

For detailed information on connector pinout, board size, etc, please reference the 110459 Installation Manual.