

## Evaluation Board iEB821

### Product Information

The iEB821 is an evaluation board for demonstrating and testing the performance and function of the IP00C821.

**Inputs:** 2 HDMI 1.4 and 1 Composite(CVBS; NTSC/PAL/SECAM)

**Output:** 1 Single High speed LVDS(166MHz) or 1 Dual LVDS (83MHz x2)

**Peripheral interface:** Ethernet, SD card, USB2.0, UART

**Power:** +12V (4A max)

**Size:** 210mm x 170mm with 6-layer

**Features:**

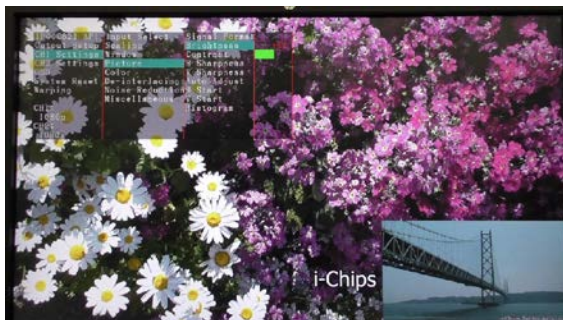
- Controlled from a PC using a USB cable (mini-USB)
- PC-based program for register-level control

**Included software and files:**

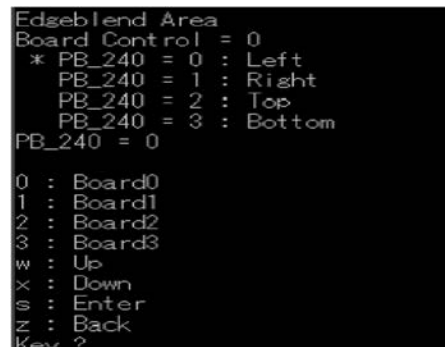
- Weg2200 (register setting program)
- API for scaler (OSD tool EXE file)
- "Warping & Edge-blending tool Light" (Console tool EXE file)
- Sample setting files

**Included reference information:**

- Schematic (PDF, OrCAD)
- PCB layout (Gerber, PADS)
- BOM



API for scaler



Warp light tool

