

Evaluation Board	iEB787
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Product Information

The iEB787 is an evaluation board for demonstrating and testing the performance and function of the IP00C787.

Inputs: 1 HDMI 1.4 or 1 Single High speed LVDS(160MHz) or 1 Dual LVDS(83MHz x2)

Output: 1 HDMI 1.4 or 1 Single High speed LVDS(166MHz) or 1 Dual LVDS(83MHz x2)

Power: +12V (4A max)

Size: 150mm x 105mm with 4-layer

Features:

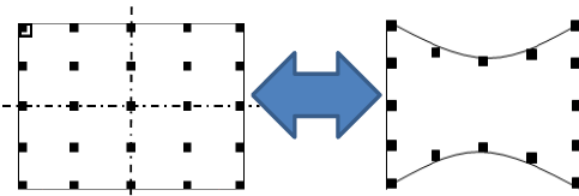
- Controlled from a PC using a USB cable
- PC-based program for register-level control

Included software and files:

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

Included reference information:

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



Input

1 out of Max.2 (physically connected) input/output ports can be used.

Output

HDMI 1.4 (166MHz)

HDMI 1.4 (166MHz)

2K/1080p etc.

2K/1080p etc.

LVDS (single 160MHz & dual 83MHz x2)

LVDS (single 166MHz & dual 83MHz x2)

2K/1080p etc.

2K/1080p etc.

