# Evaluation Board    iEB790

*Product Information*

**The iEB790 is an evaluation board primary consisting of 3 pcs. of the IP00C790 and 2 pcs. of an FPGA for demonstrating and testing the performance and function of the IP00C790.**

**Inputs:**  4 Dual LVDS(83MHz x2)

**Output:** 4  Dual LVDS(83MHz x2)

**Power:** +12V (4A max)
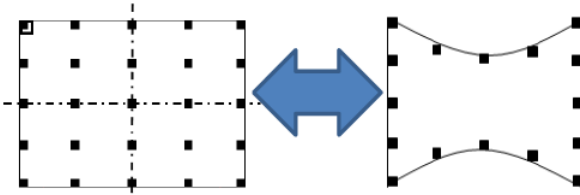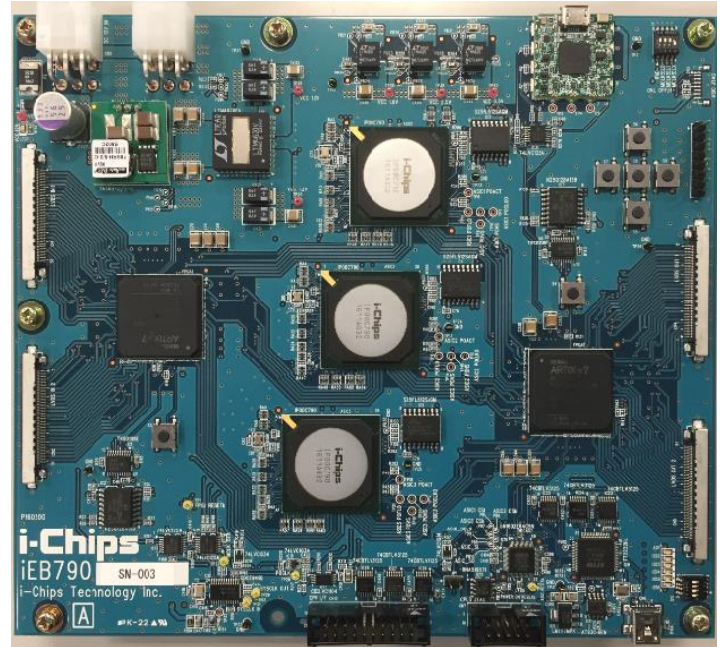
**FPGA on board**: XC7A15T-2FGG484C x2

**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







**Warping**          **Edge-blending** (requires 2pcs. of iEB790)