



## **RTI-545 ISA Board**

**An economical ISA-bus based flat panel controller card specifically designed for the OEM market.**

### **Features include:**

- Simplified cabling to panel and inverter for ease of integration
- Supports 5V or 3.3V Panels
- One jumper selects Active or Passive panel type
- Multiple BIOS personality-- use jumper to change panels instead of swapping EPROMs
- Industry standard Chips and Technologies '545 based
- Software controllable brightness and contrast

The RTI-545-ISA board provides a low-cost solution for driving small LCD flat panel displays with a PC compatible computer. These include 6.4" VGA through 12" SVGA panels, either passive or active matrix. Low-cost, flexible cables are used to connect to both the LCD and the associated backlight inverter. Reach can provide complete kits including the board, panel cable, inverter and inverter cable. The board can optionally provide standard VGA output as well (simultaneous flat-panel / VGA).

### **Specifications**

- Hirose DF9-31 connector for panel interface
- Standard 16 bit ISA bus
- 1Mbyte graphics memory
- Power consumption is 450mA typ., 700mA max. at 5V. 12V power depending on the inverter used.

### **Options**

- VGA output
- Digital I/O port

### **Board Specifications**

<b>Board Size</b>	7.25"W x 4.375"H / 18.41mmW x 11.11mm
<b>Operating Temperature</b>	0° to 50°C
<b>Connector</b>	16-bit ISA bus
<b>Memory</b>	1 MB
<b>Power input</b>	12VDC, supply current panel dependent; typically 1A for common SVGA panel including backlight
<b>Storage Temperature</b>	0° to 50°C
<b>Panel Connectors</b>	DF9-31P, DF9-41P, DF13-30DP, DF13-20DP
<b>Power Management</b>	Windows DPMS compatible