



Tiny modules configure I/O

The "last inch" in I/O can be one of the toughest problems to solve. In many cases a system needs to do more than one thing with several different types of I/O interfaces involved. Technobox's Micro Mezzanine System tackles these challenges head on using tiny Electrical Conversion Modules (ECMs) placed on a PMC or other carrier along with FPGA-based IP to provide the needed interface logic. Each ECM presents 16 pins to the carrier for I/O, and several different

functions are available to mix and match.

Technobox
www.technobox.com
RSC# 39395

PC/104+ Cards with a difference!

1553 & 429



Embedded Interfaces

Rugged, Reliable, Full Featured Single or Dual Stream Interface Module for PC/104+

Key features include:

- Single or Dual Channel MIL-STD-1553 Dual Redundant Interface
- Each channel independently programmable as BC, up to 31 RTs, and BM
- Transformer and Direct Coupling modes simultaneously available
- 4 or 8 ARINC429 Channels per Card
- High and Low Speed operation
- All ARINC429 Channels independently programmable as Transmit or Receive
- Full Error Injection and Detection
- Real-Time Recording and Playback
- Extended temperature range -40°C to +85°C
- High Level C/C++ API
- Drivers for Windows, Linux, VxWorks, and more included



www.aimusa-online.com

AIM-USA Tel: 402-763-9644 Fax: 402-763-9645 sales@aimusa-online.com

HMI gets harsh, which is good

Lots of PCs have enough horsepower to get an industrial control job done, but relatively few can survive harsh environments. Ocular's new Denali Human-Machine Interface (HMI) system has a 1 GHz VIA processor and 1 GB or more of memory packaged with a 7" TFT display and a new capacitive touch screen. Using what Ocular calls Crystal Touch technology, the glass-based screen is durable and fully sealed, allowing the system to meet SAE J1455 specifications at both low and high temperatures. The system runs either Windows or Linux.

Ocular, Inc.
www.ocularlcd.com • RSC# 39396

