



The Goebel Company announces it's family of Arinc 429 bus interfaces.

Our Arinc 429 cards feature configurable rx/tx on every channel to provide maximum usefulness from single card. Configurable channels provide the confidence of being able to BIT test channels without physical reconfiguration. Our 32 channel PCI card provides flexible on-board scheduling of labels, plus continuously variable baud rates from 10 to 250KHz. Gap time control and measurement is provided for parametric testing. Cards are available in PCI, PMC, PCIe, cPCI and IP form factors. Analyzer offering provide pass thru data modification as well as GUI definition of IO traffic.

Arinc 429

32 channel Arinc 429 features

- 32 channels configurable as rx or tx
- Robust design using avionics grade transceivers.
- All channels BIT testable.
- Designed for parametric testing.
- Baud rate control from 10 to 250 Khz.
- gap time control on tx, measurement on rx
- Scheduling of 255 labels per channel.
- Scheduling on word times or msec rates.
- Scheduling adjusts automatically to baud rate.
- Hardware time stamping of RX words.
- Cards contain dip switch addressing for positive configuration control.

Arinc 429 software

- Drivers for Windows or Linux.
- Driver API provides simplified intuitive control.
- Fully qualified on Honeywell TIU/VCTE software.
- Goebelyzer/Gtools software available for GUI control of card functions.
- Gtools configuration of card functions.
- Gtools real time control of card functions.
- Gtools Scriptable interface with your choice of scripting language.
- Software upgradable FPGA programming.

Ordering information

Part number	Description
GIO-A429-P32	32 channel PCI card, including drivers for Windows 7/XP and Linux
GIO-A429-M32	32 channel PMC mezzanine card, including drivers for Windows 7/XP and Linux
GIO-A429-E32	32 channel PCIe card, including drivers for Windows 7/XP and Linux
GIO-A429-C32	32 channel cPCI card, including drivers for Windows 7/XP and Linux
GLYZR-GT429-16	Goebelyzer Arinc 429 with 16 channels configurable as rx/tx, Scripting, BusMaster, Passthru, , breakout (specify breakout box or breakout panel) with 16 pair of 6' banana jack to tip pin patch cables