

## ZY32208/32308 8-receiving and 8-sending ARINC429 Module

- 8 channels of sending, 8 channels of reception
- Receive and add current system time
- Timing transmission and data can be updated at any time
- Receive labeled filtering and interrupt receiving
- The baud rate can be set to 10K, 12.5K, 48K, 50K, 100K, 150K
- FIFO reset function of sending and receiving, set to receive enable signal
- Send FIFO including 511x32BIT , and receive FIFO including (1M-1) × 32BIT
- Standard ARINC429 data format, receiving and sending can be set separately



### Product Description

ZY32208/32308 communication module which researched and developed according to ARINC429 Bus Communication Agreement is based on buses PXI/CPCI/PCI. The data can be updated at any time, and the word interval, message interval, the predetermined quantity of transmitting messages and the quantity of sent messages can be set up. The module's SCSI-68-pinhole connector makes it easy to operate. The powerful functions of this module can meet users' communication testing requirements, and the excellent compatibility is available to all types of system configurations.

### Performance Parameters

Quantity of Transmitting channel. . . . .	8
Quantity of receiving channel. . . . .	8
Baud rate. . . . .	10K/12.5K/48K/50K/100K/150K
Send FIFO. . . . .	511 × 32BIT
Receive FIFO. . . . .	(1M-1) × 32BIT

### General Specifications

External dimensions (L × W × H). . . . .	Standard PXI/CPCI3U card 160mm × 100mm × 4HP, tolerance < 0.2mm, with 3U puller, standard PCI card 75mm × 106mm, tolerance < 0.2mm
Connector. . . . .	SCSI-68 pinhole type connector

### Working Environment

Temperature range. . . . .	-40°C ~ +85°C
Relative humidity . . . . .	5~ 95%, no condensation

### Typical Applications

- ARINC429 bus testing of PXI/CPCI/PCI system
- Construction of ARINC429 bus simulation, detection and test platform
- Analysis of airborne electronic system