

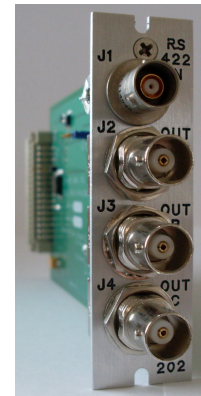


IOC202 RS-422 TO TTL CONVERTER MODULE

RS-422 Triax (1) Input, TTL BNC (3) Outputs

FEATURES

- One RS-422 Level Input
- Three TTL Level Outputs
- Input Illuminate Front Panel LED A
- Selectable Input Termination (75Ω and 120Ω)
- Drives Daisy Chain and Global Bus
- Independent Polarity Selection
- Operates up to 35 Mbps

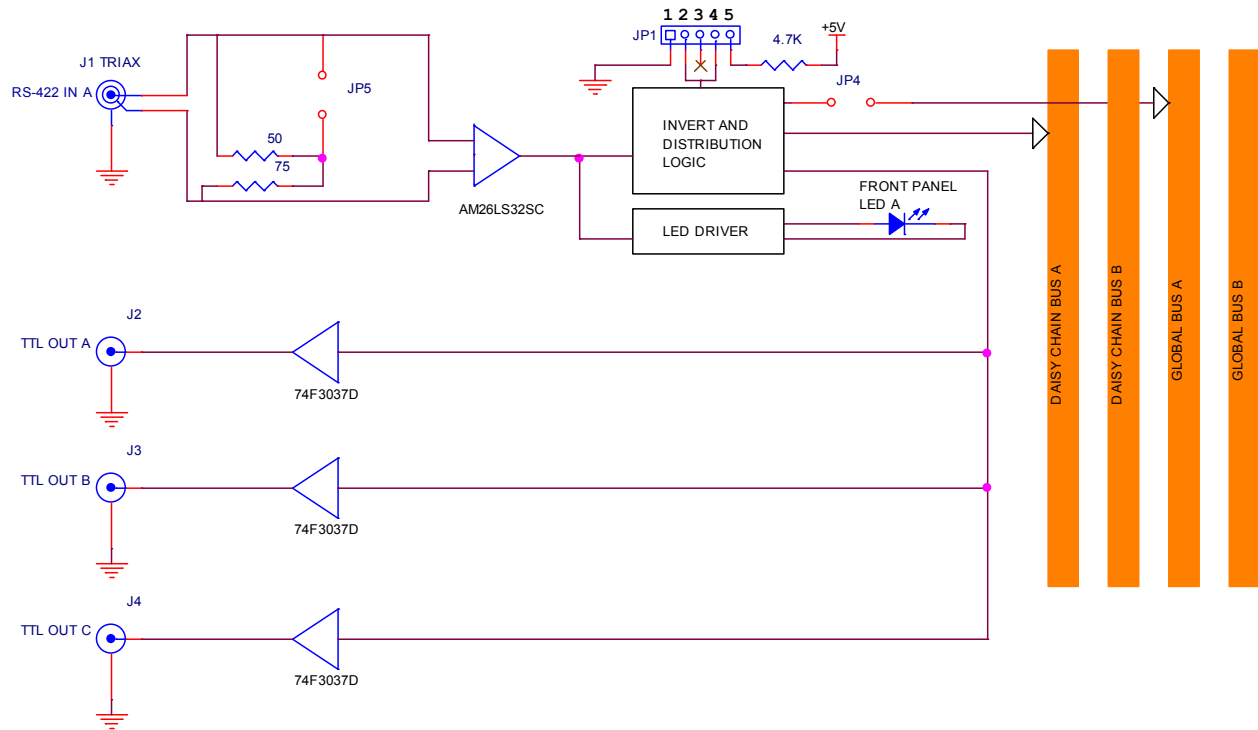


IOC202 Module

OVERVIEW

The IOC202 Pluggable Interface Module (PIM) accepts one RS-422 Level input signal and produces three TTL level output signals. The input polarity can be inverted. The IOC202 uses one Triax input connector, three BNC output connectors, and operates up to 35 Mbps. Input termination is jumper selectable for either 75Ω or 120Ω. The IOC202 can also drive the daisy chain and global buses in the Model 2073 chassis enabling the user to create multiple copies of the input signals. The IOC202 requires one slot of the 14 available slots in the Model 2073 chassis.

JUMPERS	FUNCTION
JP1	Open pins 1-2, Short pins 4-5 to invert RS-422 IN A Short pins 1-2, Open pins 4-5 for non-inverted RS-422 IN A
JP4	Short pins 1-2 to drive Global Bus A, open to disable
JP5	Short pins 1-2 for 75 Ω RS-422 IN A input termination, Open for 120 Ω



Model IOC202 Block Diagram

SPECIFICATIONS

GENERAL

2 Independent channels
 Single Slot Module (3" x 6" x 0.9")
 Model 2073 Pluggable Interface Module

INPUT

RS-422 level inputs
 One Triax connector
 75Ω / 120Ω selectable termination

OUTPUT

TTL level outputs
 Three BNC connectors

APPLICATION INFORMATION

The IOC202 can be used to convert any one RS-422 level signal to TTL level signals. This helps join equipment with unlike interfaces by properly receiving and driving the signals.

The IOC202 can also be used in a distribution application where the daisy chain bus or global bus is used to distribute multiple copies of one or both input signals.

This module can also be plugged into Apogee Models:
 2873: Configurable Interfacer Unit
 6801: 5 Channel BERT Operation
 2073S: Single Module Interfacer Chassis