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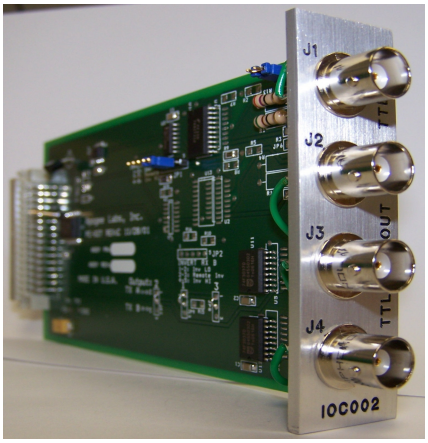
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Find the *Apogee Labs IOC002* at our website: ***Click HERE***

APOGEE LABS

IOC002
TTL INPUT TO TTL OUTPUT MODULE

TTL BNC (1) Input, TTL BNC (3) Outputs



FEATURES

- One TTL Level Input
- Three Independent TTL Level Outputs
- Input Illuminates Front Panel LED A
- Selectable Input Termination (50Ω and 75Ω)
- Drives Daisy Chain and Global Bus
- High Current Outputs
- Input Polarity Selection
- Operates up to 35Mbps

OVERVIEW

The IOC002 Pluggable Interface Module (PIM) accepts one TTL level input signal and produces three TTL level output signals. Input polarity inversion is provided via jumper. The IOC002 uses one BNC input connector, three BNC output connectors, and operates up to 35Mbps. Input termination is jumper selectable for either 50Ω or 75Ω. A valid input to J1 of the IOC002 will illuminate the corresponding "A" LED on the 2073 chassis. The IOC002 can also drive the daisy chain and global buses in the Model 2073 chassis enabling the user to create multiple copies of the output signals. The IOC002 requires one slot of the 14 available slots in the Model 2073 chassis.

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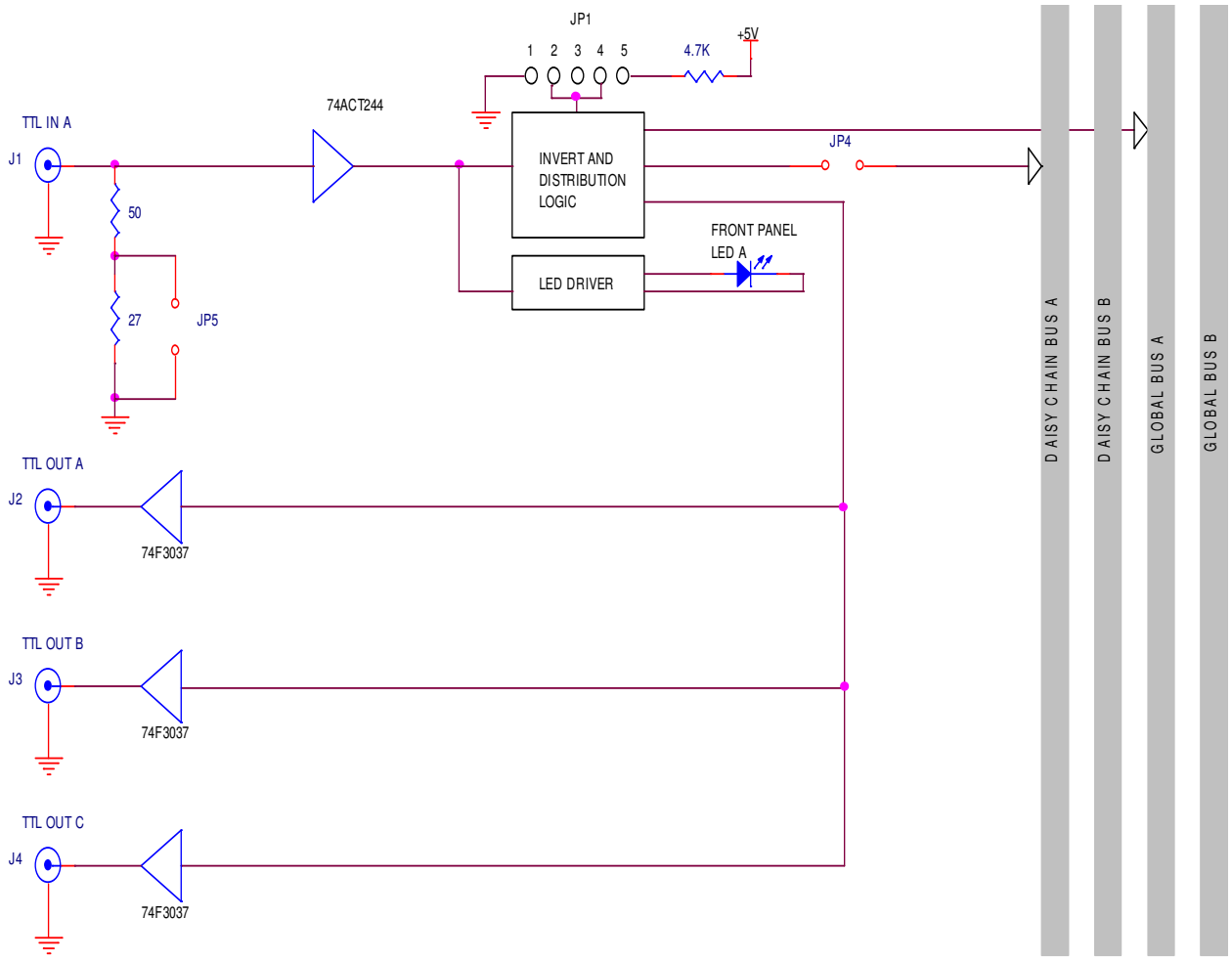


Figure 1: Model IOC002 Block Diagram

SPECIFICATIONS

GENERAL

One TTL level Input Channel

Three Independent TTL level Output Channels

Single Slot Module (3" x 6" x 0.9")

Model 2073 Pluggable Interface Module

INPUT

TTL level inputs

BNC connector

50Ω / 75Ω selectable termination

OUTPUT

TTL level Outputs

BNC Connectors

APPLICATION INFORMATION

The IOC002 can be used to distribute any one TTL level signal to three TTL level output signals. This helps join equipment with unlike interfaces by properly receiving and driving signals.

The IOC001 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:

2907 and 2908: Data Acquisition Mux/Demux

6801: 5 Channel BERT Operation

6804: Multi Channel Clock Recovery Unit

2873: Configurable Interface Unit

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