
PXI-2533

Features

2025-03-20



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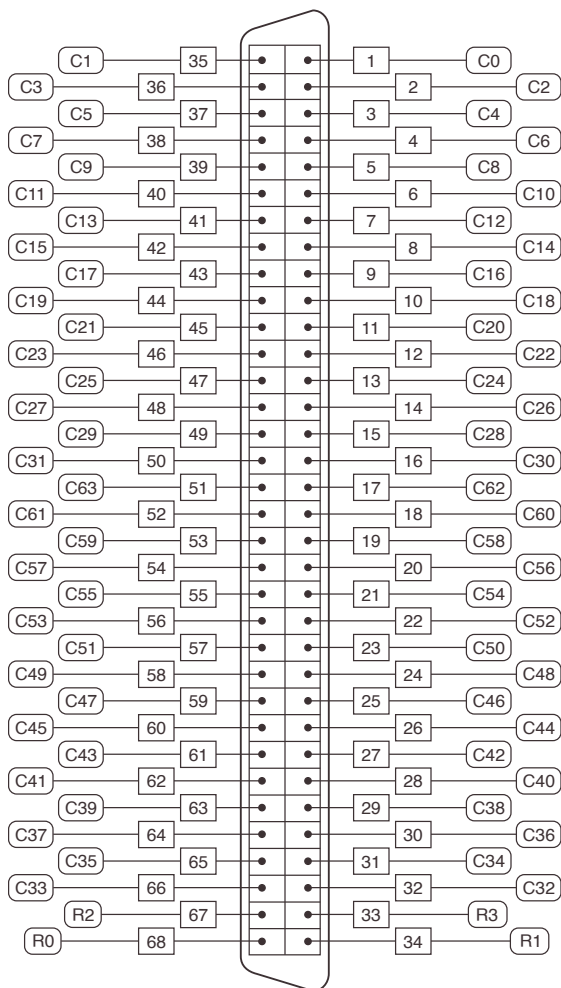


Table 1. Signal Descriptions

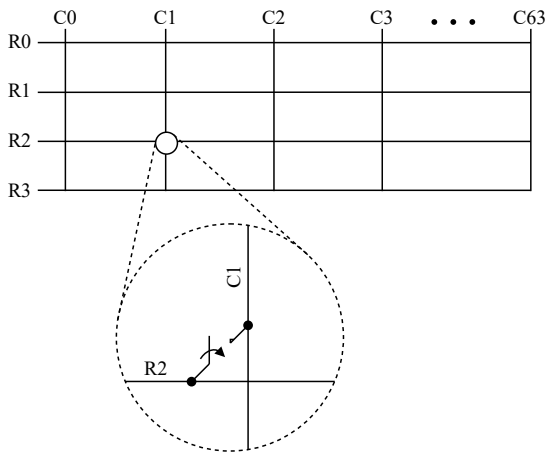
Signal	Description
Cx	Column connection
Rx	Row connection

PXI-2533 Topology

Module software name: 2533/1-Wire 4x64 Matrix
(NISWITCH_TOPOLOGY_2533_1_WIRE_4X64_MATRIX)

This configuration supports immediate and scanning operation modes.

1-Wire 4×64 Matrix



Relay Names

Relays
kR0C0...kR0C63
kR1C0...kR0C63
kR2C0...kR0C63
kR3C0...kR0C63

Making a Connection

Both the scanning command, `r2->c1;`, and the immediate operation, `niSwitch Connect Channels VI` or the `niSwitch_Connect` function with parameters `r2` and `c1`, result in the following connection:

- signal connected to R2 is routed to C1