
PXI-2534

Features

2025-03-20



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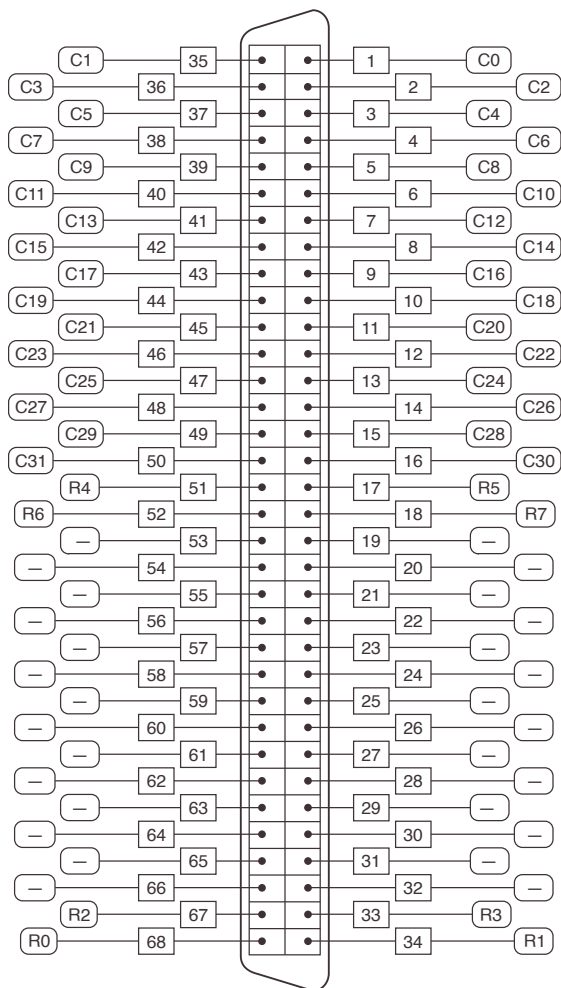


Table 1. Signal Descriptions

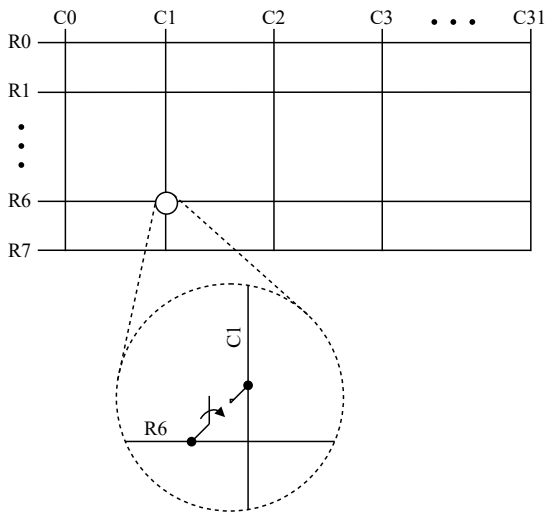
Signal	Description
Cx	Column connection
Rx	Row connection
—	No connection

PXI-2534 Topology

Module software name: 2534/1-Wire 8x32 Matrix
(NISWITCH_TOPOLOGY_2534_1_WIRE_8X32_MATRIX)

This configuration supports immediate and scanning operation modes.

1-Wire 8×32 Matrix



Relay Names

Relays
kR0C0...kR0C31
kR1C0...kR1C31
kR2C0...kR2C31
kR3C0...kR3C31
kR4C0...kR4C31
kR5C0...kR5C31
kR6C0...kR6C31
kR7C0...kR7C31

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