



NATIONAL INSTRUMENTS NI 66xx Shielded I-O Connector Block User Guide

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NATIONAL INSTRUMENTS NI 66xx Shielded I-O Connector Block



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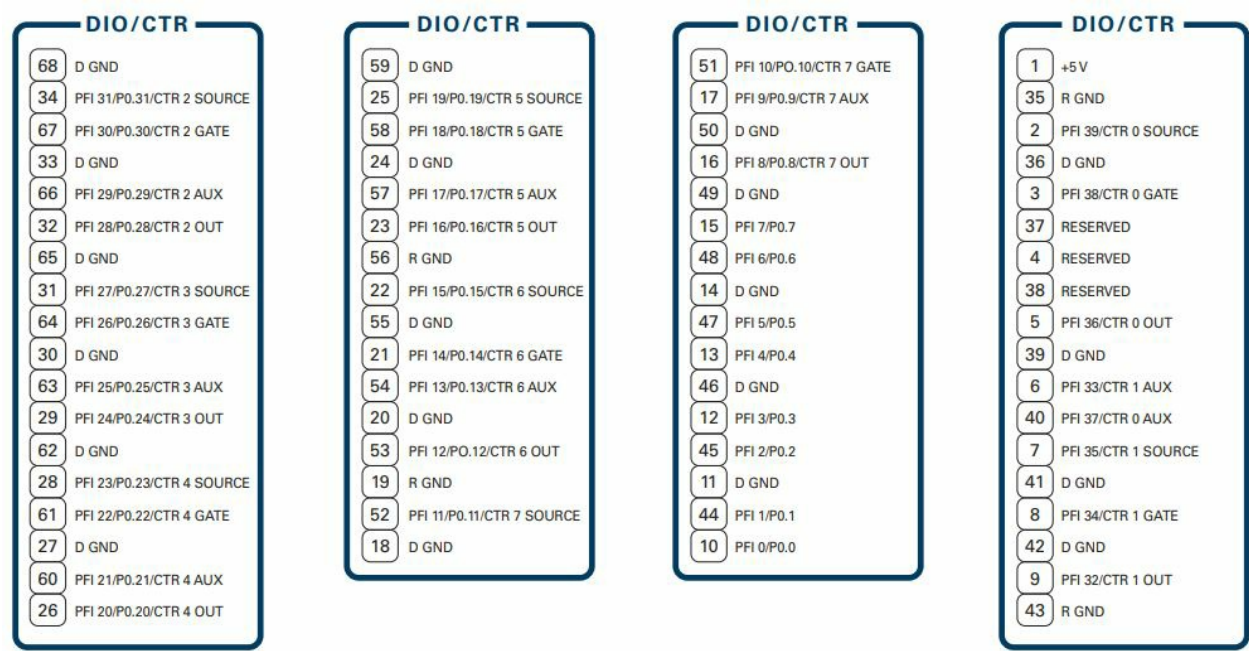
Counter/Timer Modules/Devices Using the 68-Pin Shielded Connector Block

If you are using an NI 66xx (formerly referred to as TIO) counter/timer device or module with the SCB-68A, you can print and attach a connector-specific pinout label to the cover of the connector block for easy connection reference. This document provides the label for the following models:

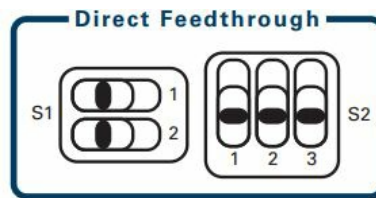
- NI 6601
- NI 6602
- NI 6608
- NI 6612NI 6614

Use the following label if you are connecting the SCB-68A to NI 6601, NI 6602, and NI 6608 models.

Figure 1. NI 660x



SCB-68A Quick Reference Label



NI 660x Counter/Timer (TIO) Models

R GND: These terminals are routed to RESERVED when using the product with a SH68-68-D1 shielded cable or routed to D GND when using the product with an R68-68 ribbon cable. Use the following label if you are connecting the SCB-68A to NI 6612 and NI 6614 models.

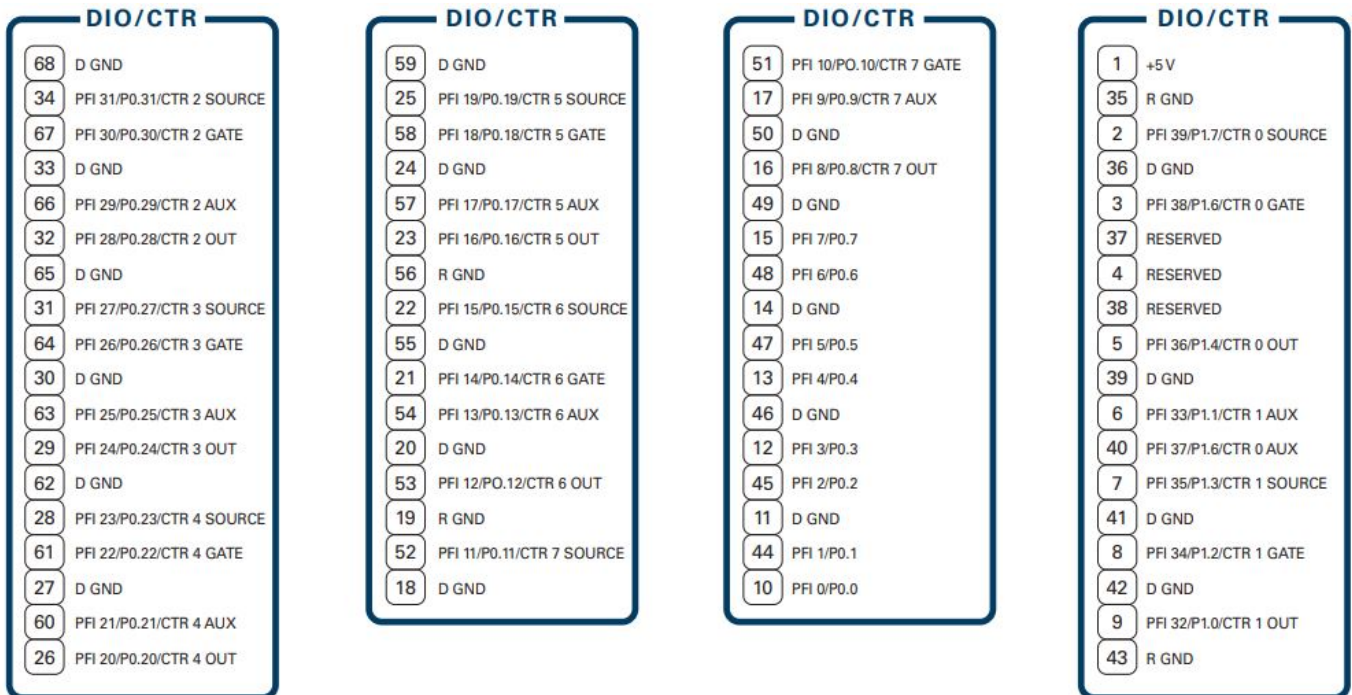
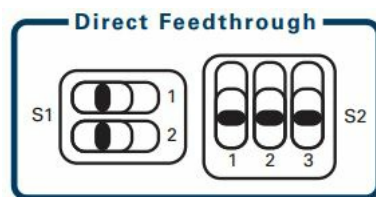


Figure 2. NI 661x



SCB-68A Quick Reference Label

NI 661x Counter/Timer (TIO) Models

R GND: These terminals are routed to RESERVED when using the product with a SH68-68-D1 shielded cable or routed to D GND when using the product with an R68-68 ribbon cable. Refer to the NI Trademarks and Logo Guidelines at [ni.com/trademarks](https://www.ni.com/trademarks) for more information on NI trademarks. Other products and company names mentioned herein are trademarks or trade names of their respective companies.

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Documents / Resources



NATIONAL INSTRUMENTS NI 66xx Shielded I-O Connector Block [pdf] User Guide
SCB-68A, NI 6601, NI 6602, NI 6608, NI 6612, NI 6614, NI 66xx, NI 66xx Shielded I-O Connect or Block, Shielded I-O Connector Block, I-O Connector Block, Connector Block, Block

References

- [NI Test and Measurement Systems, a part of Emerson - NI](#)
- [NI Trade Compliance - NI](#)
- [NI National Instruments Patents - NI](#)
- [NI Trademarks and Logo Guidelines - NI](#)
- [NI SCB-68A National Instruments Shielded I/O Connector Block | Apex Waves](#)
- [User Manual](#)