

NOTE TO USERS

NI 78xxR and NI 78xx Pinout Labels for the SCB-68

Reconfigurable I/O R Series Modules/Devices Using the 68-Pin Shielded Connector Block

If you are using an NI 78xxR and NI 78xx (formerly referred to as R Series) reconfigurable I/O device or module with the SCB-68, you can print and attach a connector-specific pinout label to the cover of the connector block for easy connection reference. This document provides labels for the following models:

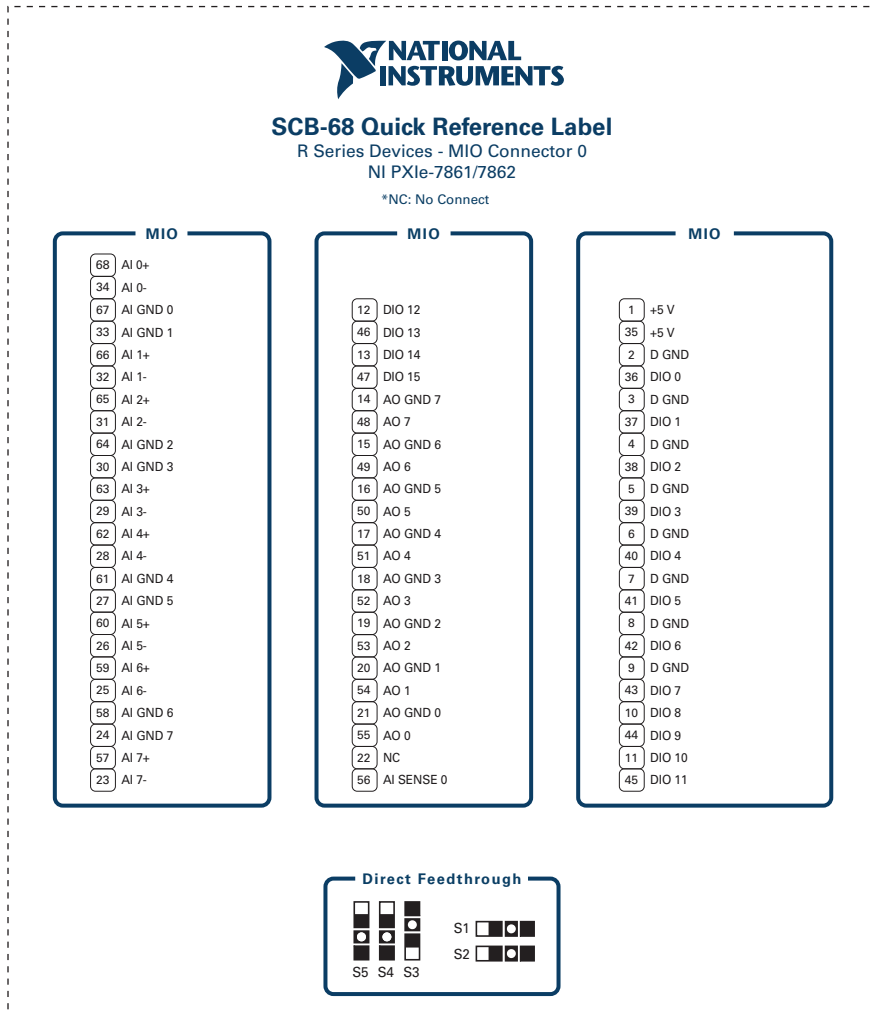
- NI PCI-7811R
- NI PCI-7813R
- NI PCI-7830R
- NI PCI-7831R
- NI PCI-7833R
- NI PCIe-7841R
- NI PCIe-7842R
- NI PCIe-7846
- NI PCIe-7856
- NI PCIe-7857
- NI PCIe-7858
- NI PCIe-7851R
- NI PCIe-7852R
- NI PXI-7811R
- NI PXI-7813R
- NI PXI-7830R
- NI PXI-7831R
- NI PXI-7833R
- NI PXI-7841R
- NI PXI-7842R
- NI PXI-7851R
- NI PXI-7852R
- NI PXI-7853R
- NI PXI-7854R
- NI PXIe-7846R
- NI PXIe-7847R
- NI PXIe-7856R
- NI PXIe-7857R
- NI PXIe-7858R
- NI PXIe-7861
- NI PXIe-7862
- NI PXIe-7865
- NI PXIe-7866
- NI PXIe-7867R
- NI PXIe-7868R
- NI USB-7845R
- NI USB-7846R
- NI USB-7855R
- NI USB-7856R



Note To find the appropriate cable for your device, go to ni.com/info and enter Info Code `scb68acables`.

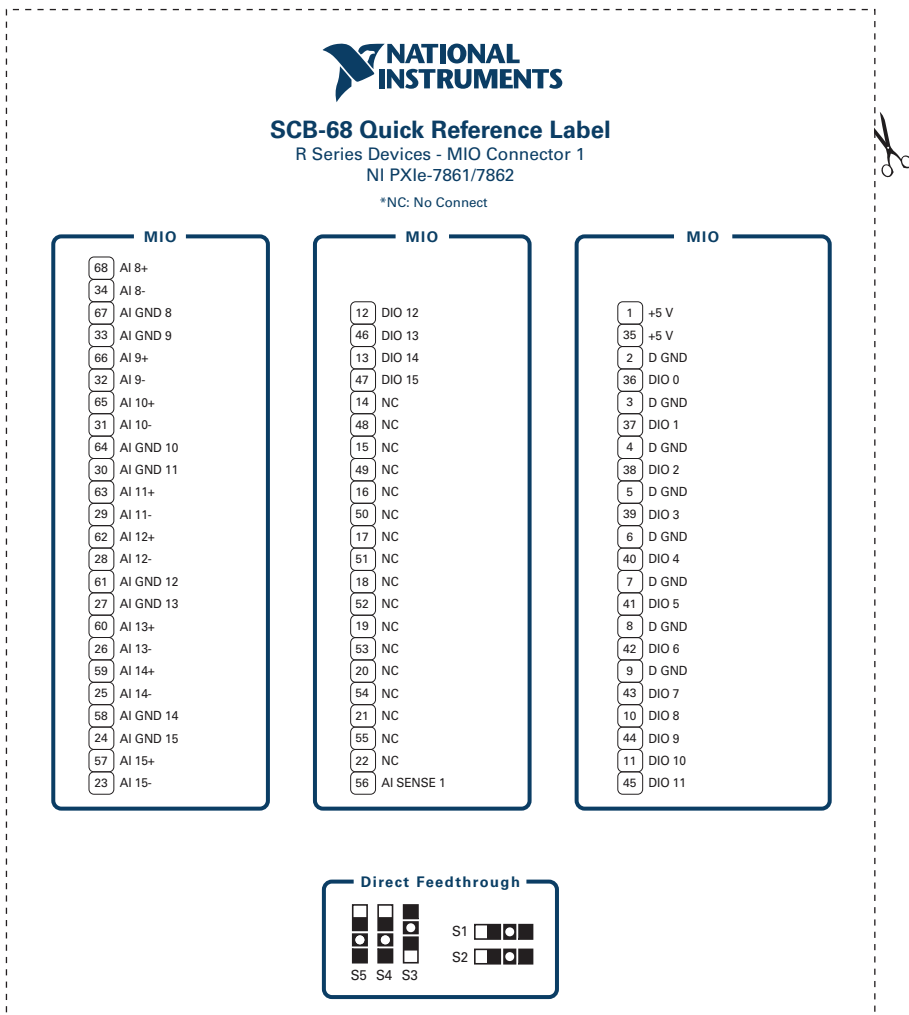
Use the following label if you are connecting the SCB-68 to the MIO Connector 0 on NI PXIe-7861/7862 models.

Figure 1. MIO Connector 0 for NI PXIe-7861/7862



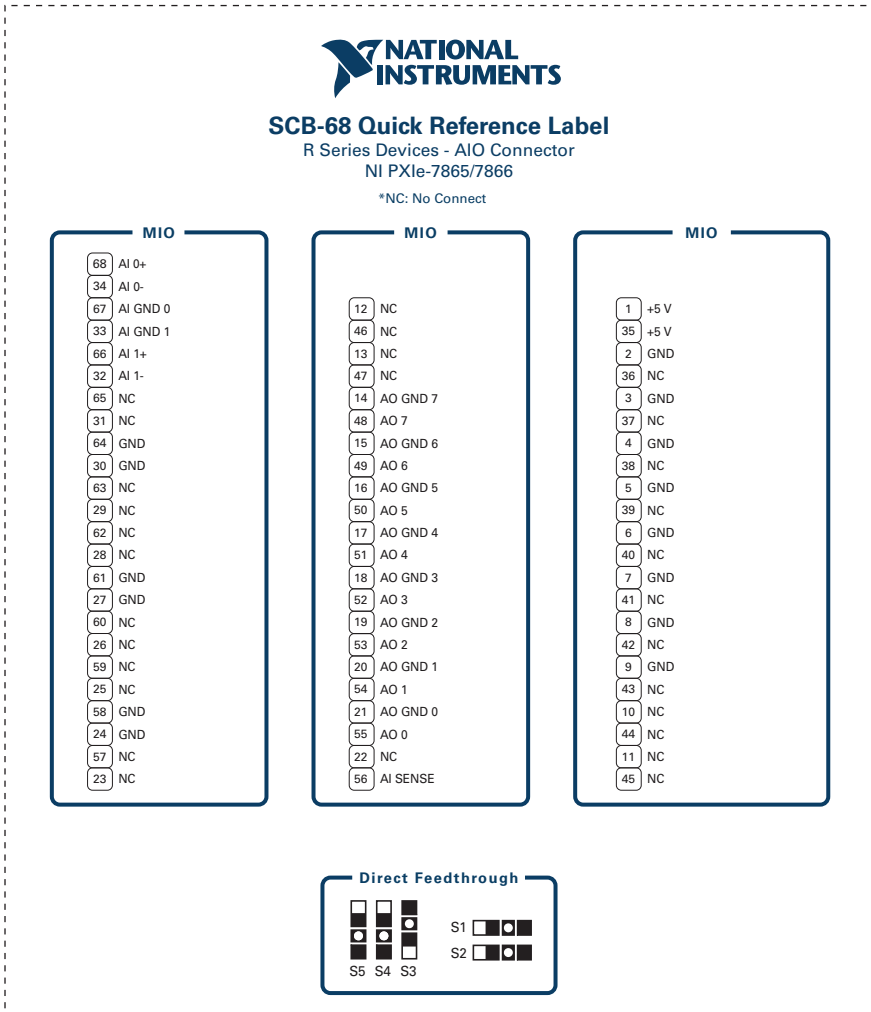
Use the following label if you are connecting the SCB-68 to the MIO Connector 1 on NI PXIe-7861/7862 models.

Figure 2. MIO Connector 1 for NI PXIe-7861/7862



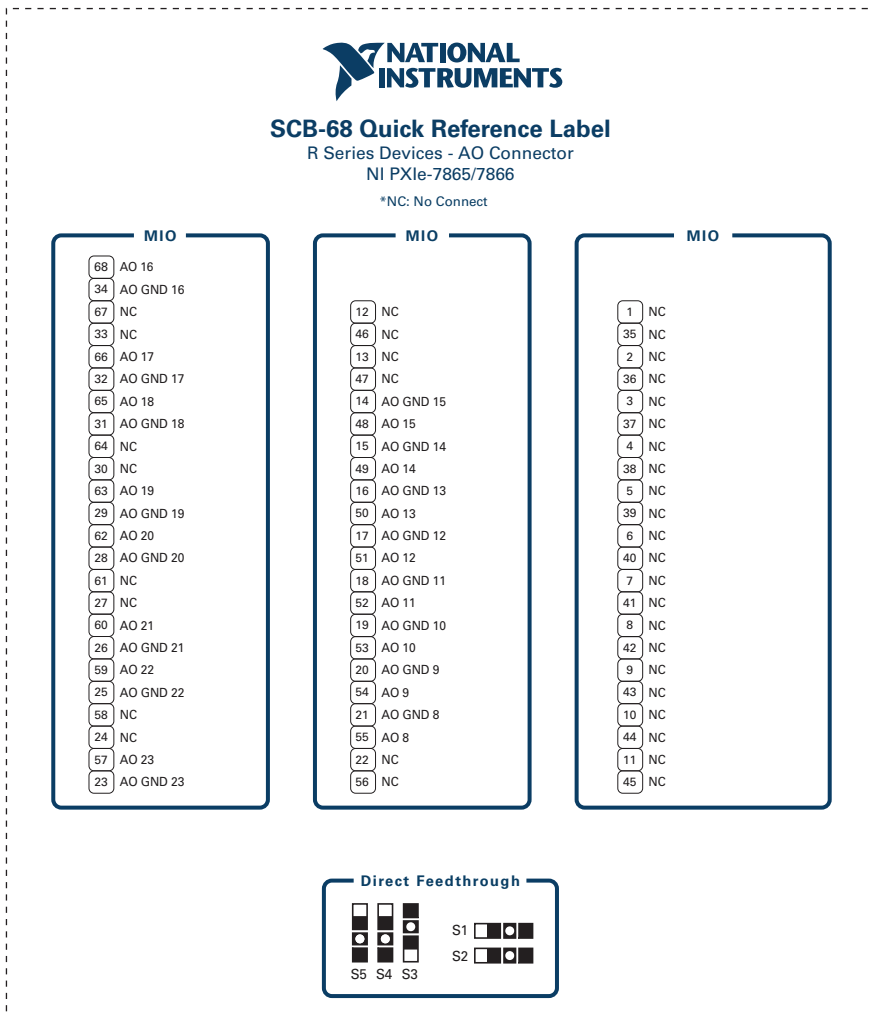
Use the following label if you are connecting the SCB-68 to the AIO Connector on NI PXIe-7865/7866 models.

Figure 3. AIO Connector for NI PXIe-7865/7866



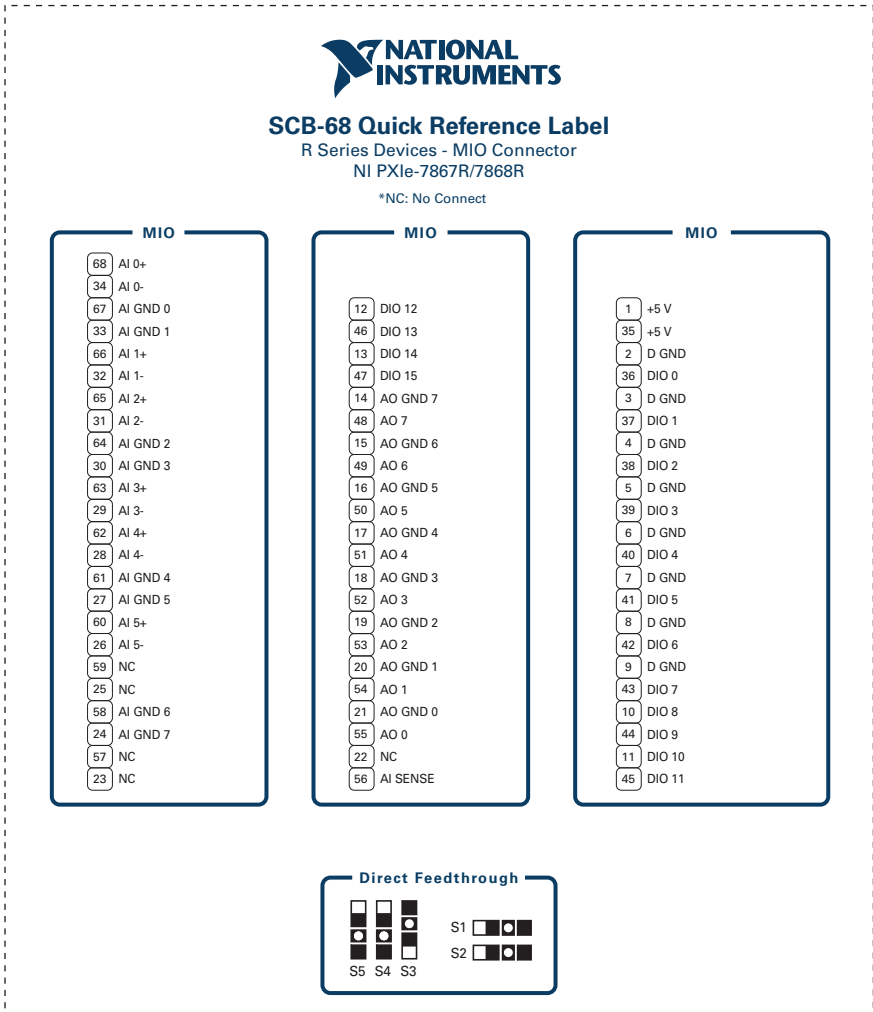
Use the following label if you are connecting the SCB-68 to the AO Connector on NI PXIe-7865/7866 models.

Figure 4. AO Connector for NI PXIe-7865/7866



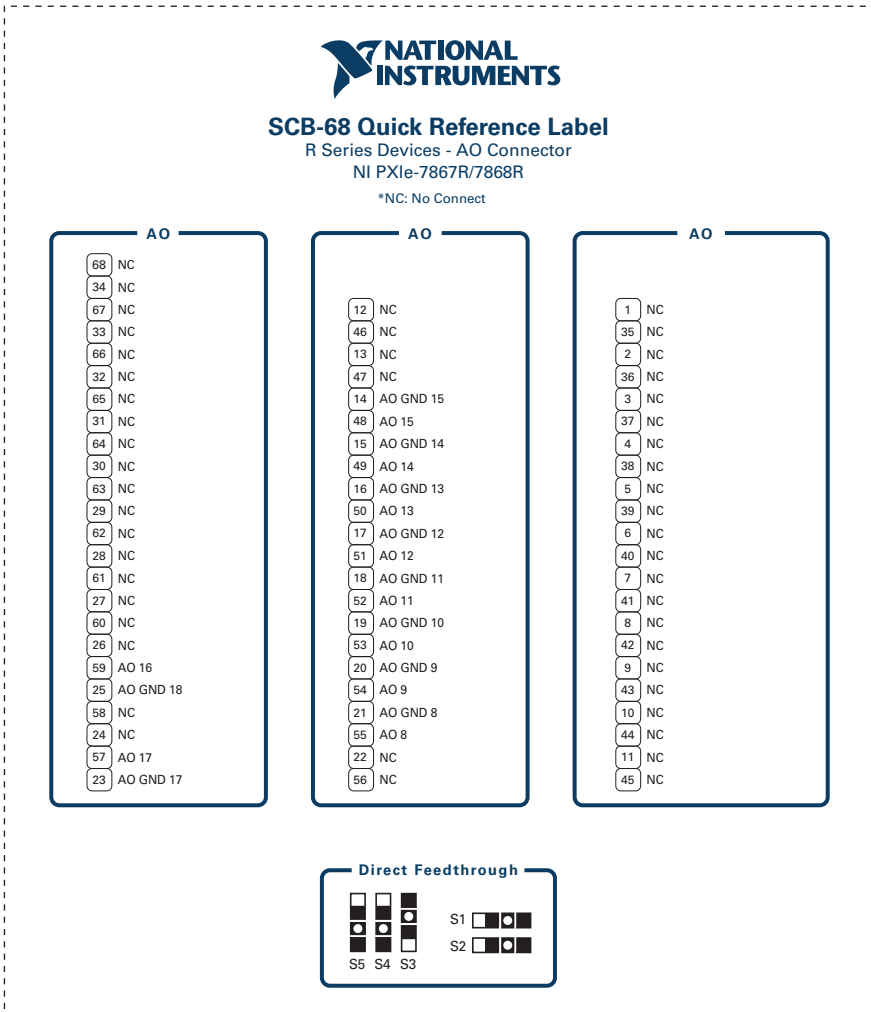
Use the following label if you are connecting the SCB-68 to the MIO connector on NI PXIe-7867R/7868R models.

Figure 5. MIO Connector for NI PXIe-7867R/7868R



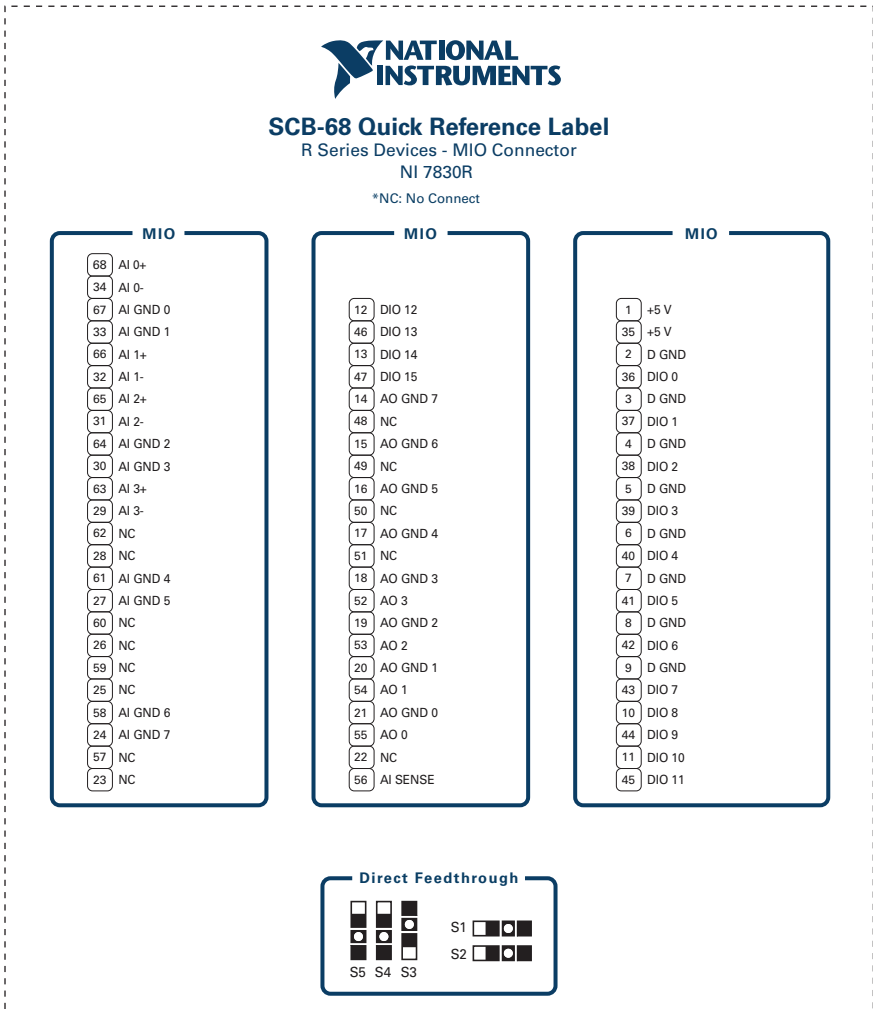
Use the following label if you are connecting the SCB-68 to the AO connector on NI PXIe-7867R/7868R models.

Figure 6. AO Connector for NI PXIe-7867R/7868R



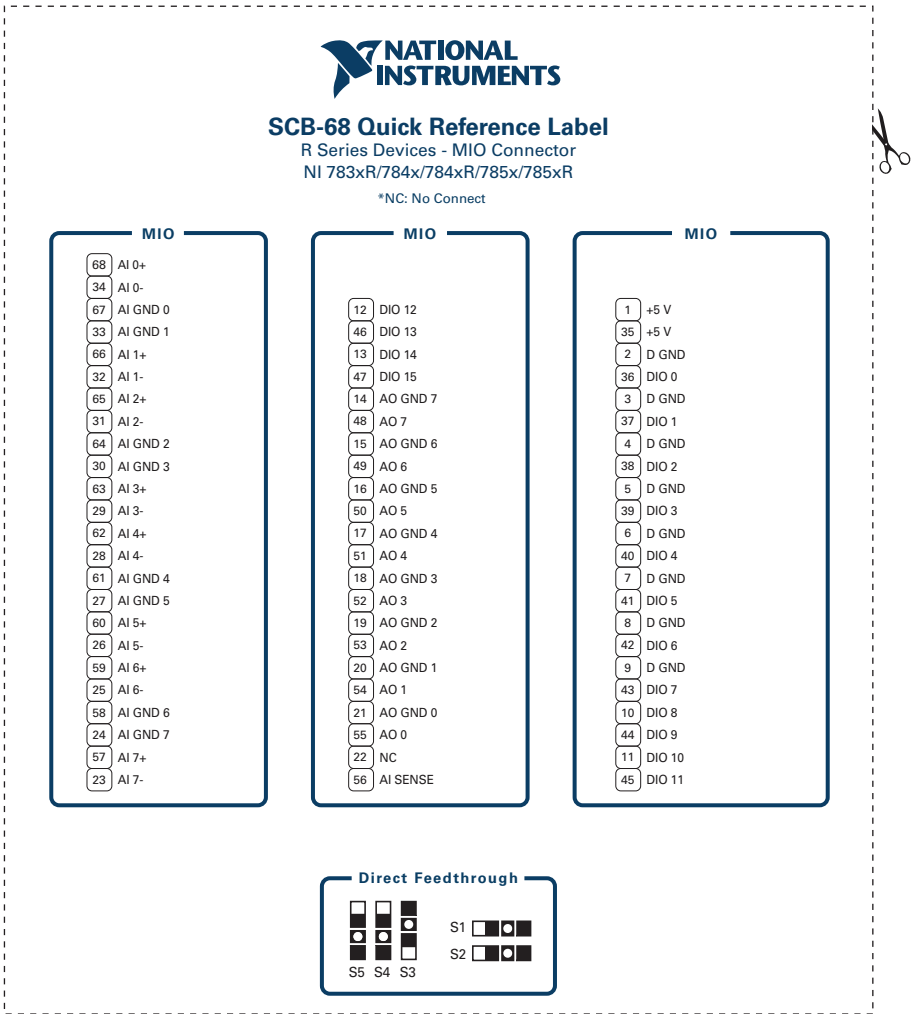
Use the following label if you are connecting the SCB-68 to the MIO connector on NI 7830R models.

Figure 7. MIO Connector for NI 7830R



Use the following label if you are connecting the SCB-68 to the MIO connector on NI 783xR/784x/784xR/785x/785xR models.

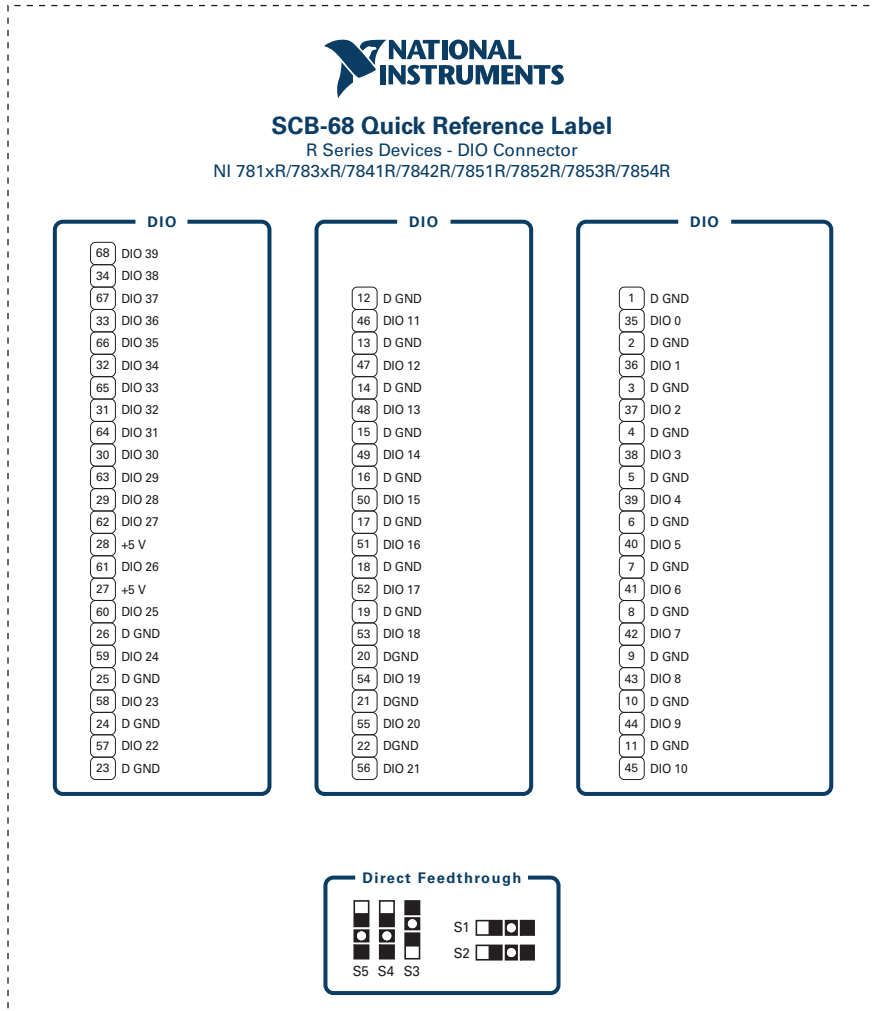
Figure 8. MIO Connector for 783xR/784x/784xR/785x/785xR



Note To connect to the MIO connector on NI 7830R models, instead use the label in Figure 7.

Use the following label if you are connecting the SCB-68 to the DIO connector on NI 781xR/783xR/7841R/7842R/7851R/7852R/7853R/7854R models.

Figure 9. DIO Connector for NI 781xR/783xR/7841R/7842R/7851R/7852R/7853R/7854R



Note To connect to the DIO connector on the following models, instead use the SCB-68 HSDIO Shielded Connector Block.

- NI PXIe-7846R/7847R/7856R/7857R/7858R/7865/7866/7867R/7868R
- NI PCIe-7846/7856/7857/7858
- NI USB-7845R/7846R/7855R/7856R

Information is subject to change without notice. Refer to the *NI Trademarks and Logo Guidelines* at ni.com/trademarks for more information on NI trademarks. Other product and company names mentioned herein are trademarks or trade names of their respective companies. For patents covering NI products/technology, refer to the appropriate location: **Help»Patents** in your software, the `patents.txt` file on your media, or the *National Instruments Patents Notice* at ni.com/patents. You can find information about end-user license agreements (EULAs) and third-party legal notices in the readme file for your NI product. Refer to the *Export Compliance Information* at ni.com/legal/export-compliance for the NI global trade compliance policy and how to obtain relevant HTS codes, ECCNs, and other import/export data. NI MAKES NO EXPRESS OR IMPLIED WARRANTIES AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN AND SHALL NOT BE LIABLE FOR ANY ERRORS. U.S. Government Customers: The data contained in this manual was developed at private expense and is subject to the applicable limited rights and restricted data rights as set forth in FAR 52.227-14, DFAR 252.227-7014, and DFAR 252.227-7015.

© 2018–2020 National Instruments. All rights reserved.