

COMPREHENSIVE SERVICES

We offer competitive repair and calibration services, as well as easily accessible documentation and free downloadable resources.

SELL YOUR SURPLUS

We buy new, used, decommissioned, and surplus parts from every NI series. We work out the best solution to suit your individual needs.

 Sell For Cash  Get Credit  Receive a Trade-In Deal

OBSOLETE NI HARDWARE IN STOCK & READY TO SHIP

We stock **New**, **New Surplus**, **Refurbished**, and **Reconditioned** NI Hardware.



Bridging the gap between the manufacturer and your legacy test system.

 1-800-915-6216

 www.apexwaves.com

 sales@apexwaves.com

All trademarks, brands, and brand names are the property of their respective owners.

Request a Quote

 **CLICK HERE**

PCI-6011E

NOTE TO USERS

NI 60xx/60xxE Pinout Label for the SCB-68A

Multifunction I/O E Series Modules/Devices Using the 68-Pin Shielded Connector Block

If you are using an NI 60xx/60xxE (formerly referred to as E Series) multifunction I/O 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 6011E
- NI 6013
- NI 6014
- NI 6015
- NI 6020E
- NI 6023E
- NI 6024E
- NI 6030E
- NI 6032E
- NI 6034E
- NI 6035E
- NI 6036E
- NI 6040E
- NI 6052E
- NI 6062E
- NI 6070E
- PCI-MIO-16E-1 (PCI-6070E)
- PCI-MIO-16E-4 (PCI-6040E)
- PCI-MIO-16XE-10 (PCI-6030E)
- PCI-MIO-16XE-50 (PCI-6011E)

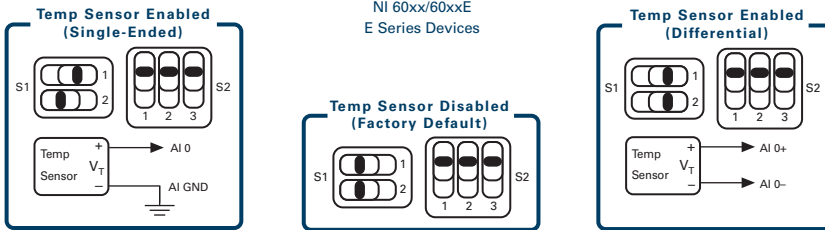
Figure 1. NI 60xx/60xxE



ANALOG		ANALOG/ DIGITAL		DIGITAL		DIGITAL	
68	AI 0 (AI 0+)	59	AI GND	51	P0.5	1	FREQ OUT
34	AI 8 (AI 0-)	25	AI 6 (AI 6+)	17	P0.1	35	D GND
67	AI GND	58	AI 14 (AI 6-)	50	D GND	2	CTR 0 OUT
33	AI 1 (AI 1+)	24	AI GND	16	P0.6	36	D GND
66	AI 9 (AI 1-)	57	AI 7 (AI 7+)	49	P0.2	3	PFI 9/CTR 0 GATE
32	AI GND	23	AI 15 (AI 7-)	15	D GND	37	PFI 8/CTR 0 SOURCE
65	AI 2 (AI 2+)	56	AI GND	48	P0.7	4	D GND
31	AI 10 (AI 2-)	22	AO 0	14	+5V	38	PFI 7/AI SAMP CLK
64	AI GND	55	AO GND	47	P0.3	5	PFI 6/AO START TRIG
30	AI 3 (AI 3+)	21	AO 1	13	D GND	39	D GND
63	AI 11 (AI 3-)	54	AO GND	46	AI HOLD COMP	6	PFI 5/AO SAMP CLK
29	AI GND	20	AO EXT REF	12	D GND	40	CTR 1 OUT
62	AI SENSE	53	D GND	45	EXT STROBE	7	D GND
28	AI 4 (AI 4+)	19	P0.4	11	PFI 0/AI START TRIG	41	PFI 4/CTR 1 GATE
61	AI 12 (AI 4-)	52	P0.0	44	D GND	8	+5V
27	AI GND	18	D GND	10	PFI 1/AI REF TRIG	42	PFI 3/CTR 1 SOURCE
60	AI 5 (AI 5+)					9	D GND
26	AI 13 (AI 5-)					43	PFI 2/AI CONV CLK

SCB-68A Quick Reference Label

NI 60xx/60xxE
E Series Devices



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.

© 2017 National Instruments. All rights reserved.