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**PCI-6036E**

## 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)

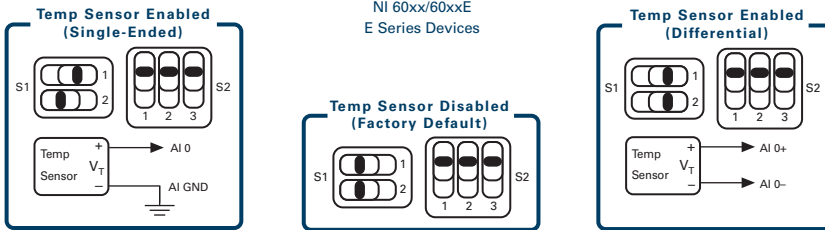
Figure 1. NI 60xx/60xxE



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



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