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PCI-6624

NOTE TO USERS

NI 66xx Pinout Label for the SCB-100A


Counter/Timer TIO Series Modules/Devices Using the 100-Pin Shielded Connector Block

If you are using an NI 66xx (formerly referred to as TIO Series) counter/timer device or module with the SCB-100A, 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 6624

Use the following label if you are connecting the SCB-100A to the NI 6624 models. Note that the connector bank layout on the label differs from the actual connector bank layout on the SCB-100A hardware.

Figure 1. NI 6624



SCB-100A Quick Reference Label
Counter/Timer NI 6624 TIO Devices
*NC: No Connect

DIGITAL

1	PFI 39 +/CTR 0 SOURCE +
2	PFI 39 -/CTR 0 SOURCE -
3	PFI 38 +/CTR 0 GATE +
4	PFI 38 -/CTR 0 GATE -
5	PFI 37 +/CTR 0 AUX +
6	PFI 37 -/CTR 0 AUX -
7	PFI 36 Vdd/CTR 0 Vdd
8	PFI 36 Vss/CTR 0 Vss
9	PFI 36/CTR 0 OUT
10	PFI 36 Vss/CTR 0 Vss
11	PFI 35 +/CTR 1 SOURCE +
12	PFI 35 -/CTR 1 SOURCE -
13	PFI 34 +/CTR 1 GATE +
14	PFI 34 -/CTR 1 GATE -
15	PFI 33 +/CTR 1 AUX +
16	PFI 33 -/CTR 1 AUX -
17	PFI 32 Vdd/CTR 1 Vdd
18	PFI 32 Vss/CTR 1 Vss

DIGITAL

83	PFI 10 +/CTR 7 GATE +
84	PFI 10 -/CTR 7 GATE -
85	PFI 9 +/CTR 7 AUX +
86	PFI 9 -/CTR 7 AUX -
87	PFI 8 Vdd/CTR 7 Vdd
88	PFI 8 Vss/CTR 7 Vss
89	PFI 8/CTR 7 OUT
90	PFI 8 Vss/CTR 7 Vss
91	PFI 4 +
92	PFI 4 -
93	NC
94	NC
95	NC
96	NC
97	NC
98	NC
99	NC
100	NC

DIGITAL

19	PFI 32/CTR 1 OUT
20	PFI 32 Vss/CTR 1 Vss
21	PFI 31 +/CTR 2 SOURCE +
22	PFI 31 -/CTR 2 SOURCE -
23	PFI 30 +/CTR 2 GATE +
24	PFI 30 -/CTR 2 GATE -
25	PFI 29 +/CTR 2 AUX +
26	PFI 29 -/CTR 2 AUX -
27	PFI 28 Vdd/CTR 2 Vdd
28	PFI 28 Vss/CTR 2 Vss
29	PFI 28/CTR 2 OUT
30	PFI 28 Vss/CTR 2 Vss
31	PFI 27 +/CTR 3 SOURCE +
32	PFI 27 -/CTR 3 SOURCE -
33	PFI 26 +/CTR 3 GATE +
34	PFI 26 -/CTR 3 GATE -

DIGITAL

35	PFI 25 +/CTR 3 AUX +
36	PFI 25 -/CTR 3 AUX -
37	PFI 24 Vdd/CTR 3 Vdd
38	PFI 24 Vss/CTR 3 Vss
39	PFI 24/CTR 3 OUT
40	PFI 24 Vss/CTR 3 Vss
41	PFI 0 +
42	PFI 0 -
43	NC
44	NC
45	NC
46	NC
47	NC
48	NC
49	NC
50	NC

DIGITAL

51	PFI 23 +/CTR 4 SOURCE +
52	PFI 23 -/CTR 4 SOURCE -
53	PFI 22 +/CTR 4 GATE +
54	PFI 22 -/CTR 4 GATE -
55	PFI 21 +/CTR 4 AUX +
56	PFI 21 -/CTR 4 AUX -
57	PFI 20 Vdd/CTR 4 Vdd
58	PFI 20 Vss/CTR 4 Vss
59	PFI 20/CTR 4 OUT
60	PFI 20 Vss/CTR 4 Vss
61	PFI 19 +/CTR 5 SOURCE +
62	PFI 19 -/CTR 5 SOURCE -
63	PFI 18 +/CTR 5 GATE +
64	PFI 18 -/CTR 5 GATE -
65	PFI 17 +/CTR 5 AUX +
66	PFI 17 -/CTR 5 AUX -

DIGITAL

67	PFI 16 Vdd/CTR 5 Vdd
68	PFI 16 Vss/CTR 5 Vss
69	PFI 16/CTR 5 OUT
70	PFI 16 Vss/CTR 5 Vss
71	PFI 15 +/CTR 6 SOURCE +
72	PFI 15 -/CTR 6 SOURCE -
73	PFI 14 +/CTR 6 GATE +
74	PFI 14 -/CTR 6 GATE -
75	PFI 13 +/CTR 6 AUX +
76	PFI 13 -/CTR 6 AUX -
77	PFI 12 Vdd/CTR 6 Vdd
78	PFI 12 Vss/CTR 6 Vss
79	PFI 12/CTR 6 OUT
80	PFI 12 Vss/CTR 6 Vss
81	PFI 11 +/CTR 7 SOURCE +
82	PFI 11 -/CTR 7 SOURCE -

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