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SCB-100A

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

DIGITAL 1 PFI 39 +/CTR 0 SOURCE +	NAT	IONAL RUMENTS	B3 PFI 10 +/CTR 7 GATE +
2 PPI 39 -/CTR 0 SOURCE - 3 PFI 39 -/CTR 0 SOURCE - 5 PFI 37 -/CTR 0 GATE - 5 PFI 37 -/CTR 0 AUX - 6 PFI 37 -/CTR 0 AUX - 7 PFI 38 V46/CTR 0 V4d 8 PFI 36 V56/CTR 0 V55 9 PFI 36 CTR 0 OUT 10 PFI 36 V56/CTR 0 V55 11 PFI 35 +/CTR 1 SOURCE + 12 PFI 35 -/CTR 1 SOURCE - 13 PFI 34 -/CTR 1 GATE - 15 PFI 33 -/CTR 1 AUX - 16 PFI 33 -/CTR 1 AUX - 17 PFI 32 V46/CTR 1 V4d 18 PFI 32 V46/CTR 1 V45	SCB-100A Quick Reference Label Counter/Timer NI 6624 TIO Devices *NC: No Connect		84 PFI 10 -/CTR 7 GATE - 85 PFI 9 +/CTR 7 AUX - 88 PFI 9 -/CTR 7 AUX - 87 PFI 8 V4d/CTR 7 V4d 88 PFI 8 V5/CTR 7 V5 89 PFI 8 V5/CTR 7 V5 90 PFI 8 V5/CTR 7 V5 91 PFI 4 - 92 PFI 4 - 93 NC 94 NC 95 NC 96 NC 97 NC 98 NC 99 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 - 27 PFI 29 Vs/CTR 2 Vsd 28 PFI 29 SVs/CTR 2 Vss 39 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 VTR 3 OUT 40 PFI 24 Vss/CTR 3 Vs 41 PFI 0 - 42 PFI 0 - 43 NC 44 NC 45 NC 47 NC 48 NC 49 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 VTS 4 OUT 60 PFI 20 Vss/CTR 4 Vss 61 PFI 19 -/CTR 5 SOURCE - 62 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/CTR 5 OUT 71 PFI 15 +/CTR 6 SOURCE + 72 PFI 15 -/CTR 6 SOURCE - 73 PFI 14 -/CTR 6 GATE + 74 PFI 13 -/CTR 6 AUX + 75 PFI 13 -/CTR 6 AUX - 77 PFI 12 /CTR 6 OUT 80 PFI 12/CTR 6 OUT 80 PFI 12/CTR 7 SOURCE + 81 PFI 11 +/CTR 7 SOURCE + 82 PFI 11 -/CTR 7 SOURCE -

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