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PCI-6509

NOTE TO USERS

NI 65xx Pinout Labels for the SCB-100A

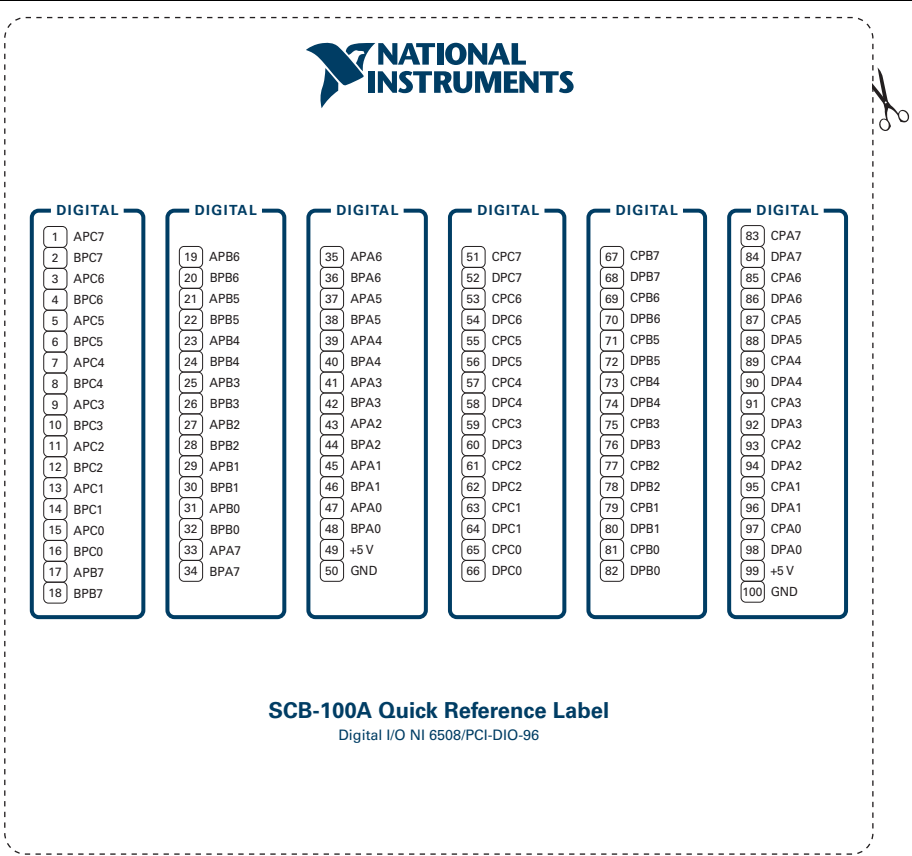
Digital I/O Modules/Devices Using the 100-Pin Shielded Connector Block

If you are using an NI 65xx (formerly referred to as DIO Series) digital I/O 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 6508/6509
- NI 6511/6512/6513/6514/6515
- NI 6528/6529
- PCI-DIO-96

Use the following label if you are connecting the SCB-100A to the NI 6508 and PCI-DIO-96 models.

Figure 1. NI 6508/PCI-DIO-96



Use the following label if you are connecting the SCB-100A to the NI 6509 models.

Figure 2. NI 6509





DIGITAL	
1	P2.7
2	P5.7
3	P2.6
4	P5.6
5	P2.5
6	P5.5
7	P2.4
8	P5.4
9	P2.3
10	P5.3
11	P2.2
12	P5.2
13	P2.1
14	P5.1
15	P2.0
16	P5.0
17	P1.7
18	P4.7

DIGITAL	
19	P1.6
20	P4.6
21	P1.5
22	P4.5
23	P1.4
24	P4.4
25	P1.3
26	P4.3
27	P1.2
28	P4.2
29	P1.1
30	P4.1
31	P1.0
32	P4.0
33	P0.7
34	P3.7

DIGITAL	
35	P0.6
36	P3.6
37	P0.5
38	P3.5
39	P0.4
40	P3.4
41	P0.3
42	P3.3
43	P0.2
44	P3.2
45	P0.1
46	P3.1
47	P0.0
48	P3.0
49	+5 V
50	GND

DIGITAL	
51	P8.7
52	P11.7
53	P8.6
54	P11.6
55	P8.5
56	P11.5
57	P8.4
58	P11.4
59	P8.3
60	P11.3
61	P8.2
62	P11.2
63	P8.1
64	P11.1
65	P8.0
66	P11.0

DIGITAL	
67	P7.7
68	P10.7
69	P7.6
70	P10.6
71	P7.5
72	P10.5
73	P7.4
74	P10.4
75	P7.3
76	P10.3
77	P7.2
78	P10.2
79	P7.1
80	P10.1
81	P7.0
82	P10.0

DIGITAL	
83	P6.7
84	P9.7
85	P6.6
86	P9.6
87	P6.5
88	P9.5
89	P6.4
90	P9.4
91	P6.3
92	P9.3
93	P6.2
94	P9.2
95	P6.1
96	P9.1
97	P6.0
98	P9.0
99	+5 V
100	GND

SCB-100A Quick Reference Label

Digital I/O NI 6509

Use the following label if you are connecting the SCB-100A to the NI 6511 models.

Figure 3. NI 6511



DIGITAL

1

P0.0

2

P0.1

3

P0.2

4

P0.3

5

P0.4

6

P0.5

7

P0.6

8

P0.7

9

P0.COM

10

P0.COM

11

P0.COM

12

P0.COM

13

P2.0

14

P2.1

15

P2.2

16

P2.3

17

P2.4

18

P2.5

DIGITAL

19

P2.6

20

P2.7

21

P2.COM

22

P2.COM

23

P2.COM

24

P2.COM

25

NC

26

P4.0

27

P4.1

28

P4.2

29

P4.3

30

P4.4

31

P4.5

32

P4.6

33

P4.7

34

P4.COM

DIGITAL

35

P4.COM

36

P4.COM

37

P4.COM

38

P6.0

39

P6.1

40

P6.2

41

P6.3

42

P6.4

43

P6.5

44

P6.6

45

P6.7

46

P6.COM

47

P6.COM

48

P6.COM

49

P6.COM

50

NC

DIGITAL

51

P1.0

52

P1.1

53

P1.2

54

P1.3

55

P1.4

56

P1.5

57

P1.6

58

P1.7

59

P1.COM

60

P1.COM

61

P1.COM

62

P1.COM

63

P3.0

64

P3.1

65

P3.2

66

P3.3

DIGITAL

67

P3.4

68

P3.5

69

P3.6

70

P3.7

71

P3.COM

72

P3.COM

73

P3.COM

74

P3.COM

75

NC

76

P5.0

77

P5.1

78

P5.2

79

P5.3

80

P5.4

81

P5.5

82

P5.6

DIGITAL

83

P5.7

84

P5.COM

85

P5.COM

86

P5.COM

87

P5.COM

88

P7.0

89

P7.1

90

P7.2

91

P7.3

92

P7.4

93

P7.5

94

P7.6

95

P7.7

96

P7.COM

97

P7.COM

98

P7.COM

99

P7.COM

100

NC

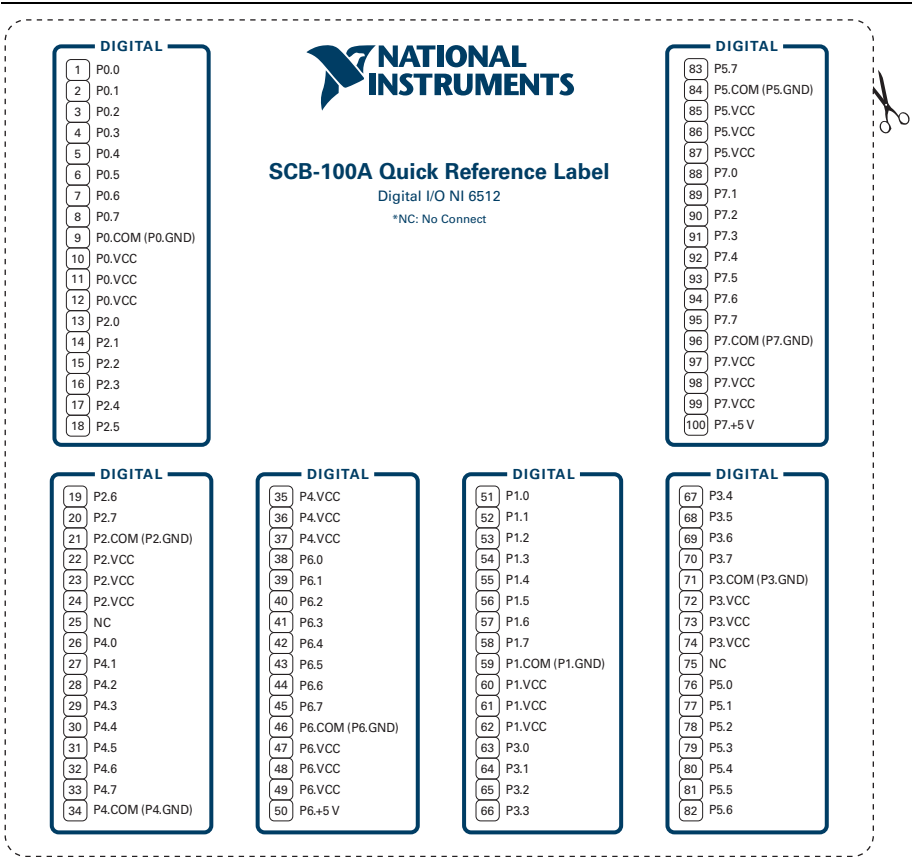
SCB-100A Quick Reference Label

Digital I/O NI 6511

*NC: No Connect

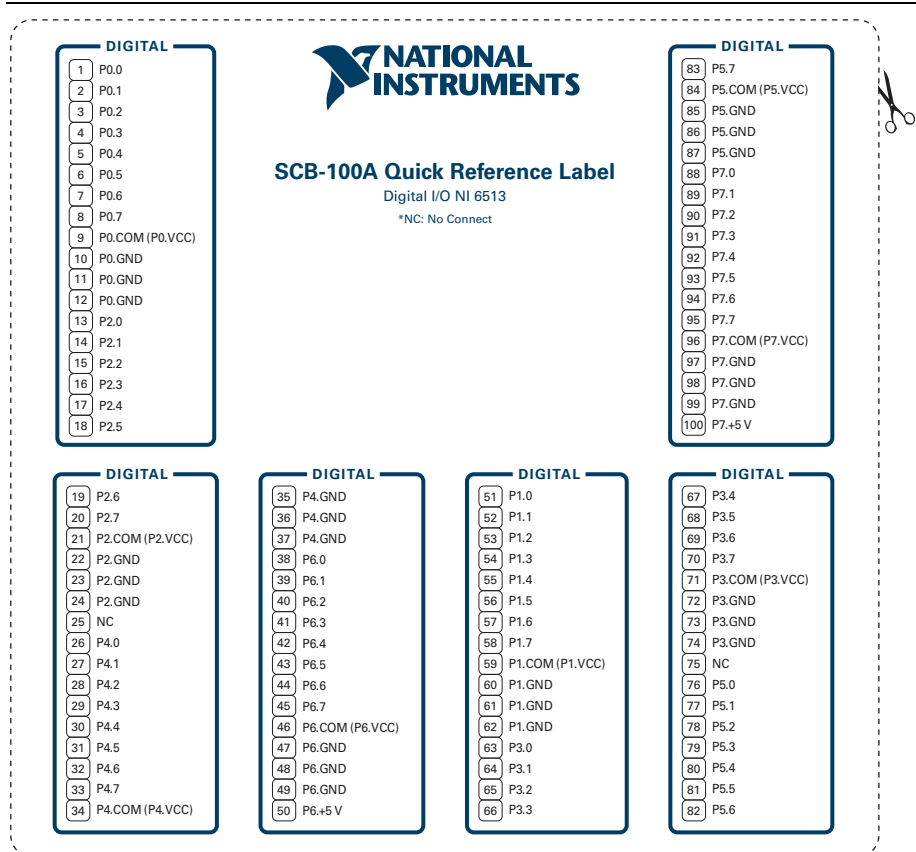
Use the following label if you are connecting the SCB-100A to the NI 6512 models. Note that the connector bank layout on the label differs from the actual connector bank layout on the SCB-100A hardware.

Figure 4. NI 6512



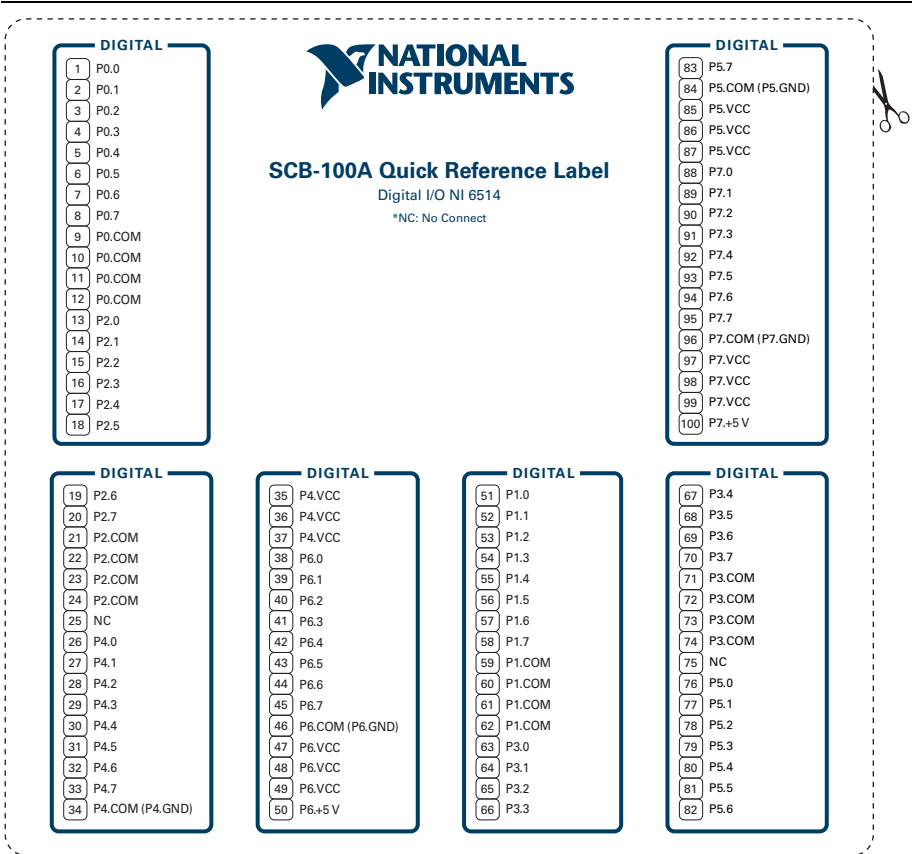
Use the following label if you are connecting the SCB-100A to the NI 6513 models. Note that the connector bank layout on the label differs from the actual connector bank layout on the SCB-100A hardware.

Figure 5. NI 6513



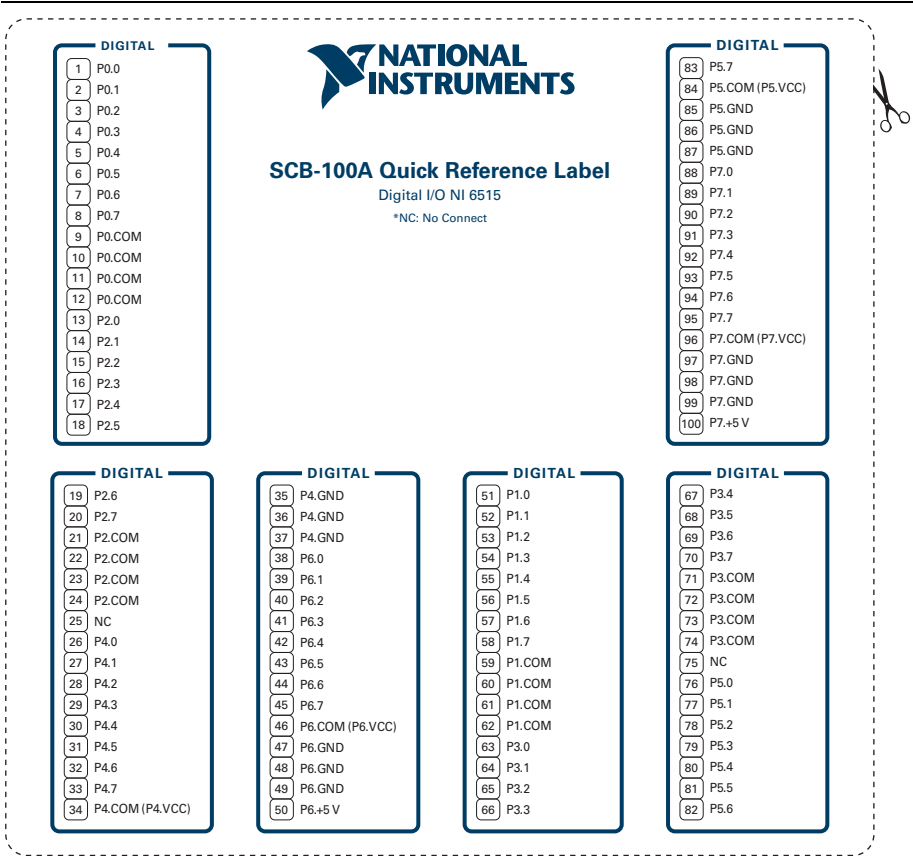
Use the following label if you are connecting the SCB-100A to the NI 6514 models. Note that the connector bank layout on the label differs from the actual connector bank layout on the SCB-100A hardware.

Figure 6. NI 6514



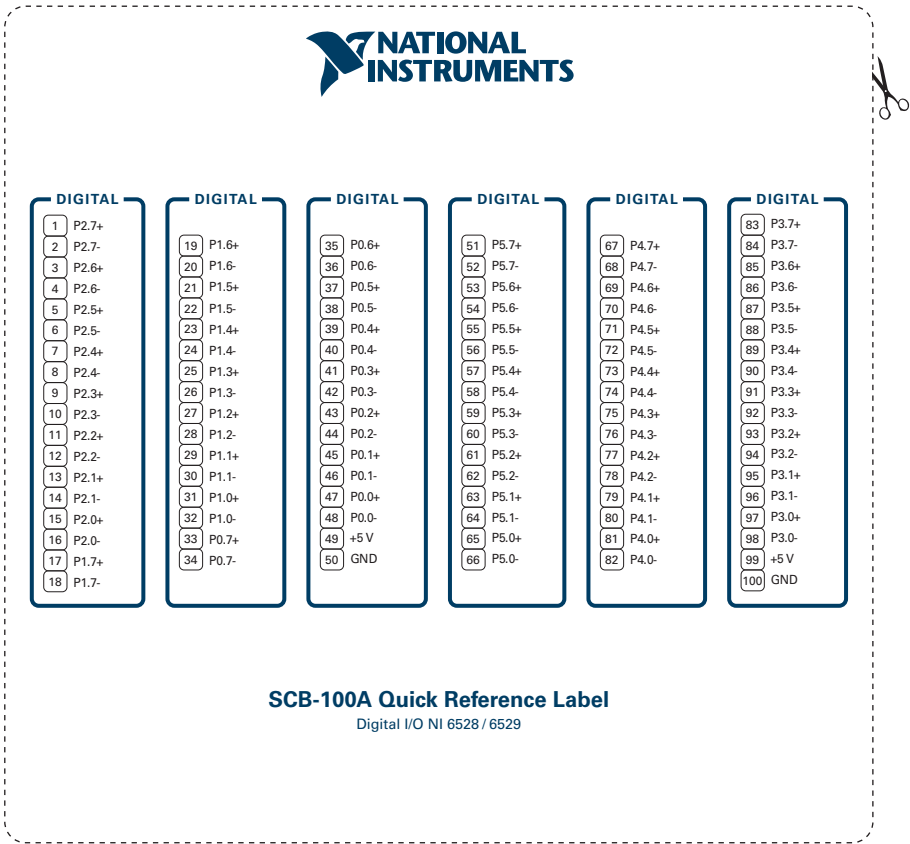
Use the following label if you are connecting the SCB-100A to the NI 6515 models. Note that the connector bank layout on the label differs from the actual connector bank layout on the SCB-100A hardware.

Figure 7. NI 6515



Use the following label if you are connecting the SCB-100A to the NI 6528/6529 models.

Figure 8. NI 6528/6529



SCB-100A Quick Reference Label

Digital I/O NI 6528 / 6529

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