

PCI Pinouts

PCI Board Connector Pinouts

D = Digital | A = Analog | Int = Internal Cable

PCI-703-16/16A

SCSI DSub 68M

A + D

35	DGND	1	FREQ_OUT
36	DGND	2	GPCTRO_OUT
37	PF18	3	PF19
38	PF17/STARTSCAN	4	DGND
39	DGND	5	PF16
40	GPCTR1_OUT	6	PF15
41	PF14	7	DGND
42	PF13/GPCTR1	8	+5V
43	PF12/CONVERT	9	DGND
44	DGND	10	PF11/TRIG2
45	EXTSTROB	11	PF10/TRIG1
46	SCANCLK	12	DGND
47	DIO3	13	DGND
48	DIO2	14	+5V
49	DIO1	15	DGND
50	DGND	16	DIO6
51	DIO5	17	DIO1
52	DIO4	18	DGND
53	DGND	19	DIO4
54	AGND	20	RESERVED
55	AGND	21	DAC1OUT
56	AIGND	22	DAC0OUT
57	ACH7	23	ACH15
58	ACH14	24	AIGND
59	AIGND	25	ACH6
60	ACH5	26	ACH13
61	ACH12	27	AIGND
62	AISENSE	28	ACH4
63	ACH11	29	AIGND
64	AIGND	30	ACH9
65	ACH2	31	ACH10
66	ACH8	32	AIGND
67	AIGND	33	ACH1
68	ACH0	34	ACH8

PCI-703-64/64A

SCSI DSub 100F

A + D

100	ACH63	50	FREQ_OUT
99	ACH55	49	GPCTRO_OUT
98	ACH62	48	PF18
97	ACH54	47	PF18
96	ACH61	46	PF17/STARTSCAN
95	ACH53	45	PF15
94	ACH60	44	PF15
93	ACH52	43	GPCTR1_OUT
92	ACH59	42	PF14
91	ACH51	41	PF13/GPCTR1_SRC
90	ACH58	40	PF12/CONVERT
89	ACH50	39	PF11/TRIG2
88	ACH57	38	PF10/TRIG1
87	ACH49	37	EXTROB
86	ACH56	36	SCANCLK
85	ACH48	35	+5V
84	ACH47	34	+5V
83	ACH49	33	DGND
82	ACH46	32	DIO7
81	ACH38	31	DIO3
80	ACH45	30	DIO6
79	ACH37	29	DIO2
78	ACH44	28	DIO5
77	ACH36	27	DIO2
76	AIGND	26	DIO4
75	AISENSE2	25	DIO0
74	ACH43	24	DGND
73	ACH35	23	AGND
72	ACH42	22	RESERVED
71	ACH49	21	DAC1OUT
70	ACH41	20	DACOUT
69	ACH33	19	AISENSE
68	ACH40	18	ACH15
67	ACH32	17	ACH7
66	ACH31	16	ACH6
65	ACH23	15	ACH6
64	ACH30	14	ACH13
63	ACH22	13	ACH5
62	ACH25	12	ACH12
61	ACH21	11	ACH4
60	ACH28	10	ACH11
59	ACH20	9	ACH9
58	ACH27	8	ACH10
57	ACH19	7	ACH2
56	ACH26	6	ACH9
55	ACH18	5	ACH1
54	ACH25	4	ACH8
53	ACH17	3	ACH0
52	ACH24	2	AIGND
51	ACH16	1	AIGND

PCI-703S-8/16/A

SCSI DSub 68M

35	AIGND	1	AIGND
36	ACH15	2	ACH14
37	ACH13	3	ACH14+
38	ACH13	4	ACH12
39	ACH13+	5	ACH12+
40	ACH11	6	ACH10
41	ACH11+	7	ACH10+
42	ACH9	8	ACH8
43	ACH9+	9	ACH8+
44	AIGND	10	AIGND
45	ACH7	11	ACH6
46	ACH7+	12	ACH6+
47	ACH5	13	ACH4
48	ACH5+	14	ACH4+
49	ACH3	15	ACH2
50	ACH3+	16	ACH2+
51	ACH1	17	ACH0
52	ACH1+	18	ACH0+
53	DAC1	19	DAC0
54	AGND	20	AGND
55	DGND	21	DGND
56	NC	22	FREQ_OUT
57	GPCTR1	23	GPCTR0
58	PF19	24	PF18
59	PF17/STARTSCAN	25	PF17
60	PF15	26	PF14
61	PF13	27	PF12/CONVERT
62	PF11	28	PF10
63	+5V	29	+5V
64	DGND	30	DGND
65	DIO7	31	DIO6
66	DIO3	32	DIO4
67	DIO3	33	DIO2
68	DIO1	34	DIO0

PCI-766

SCSI DSub 68M

35	AGND	1	AGND
36	ACH0	2	AREF0
37	ACH1	3	AREF1
38	ACH2	4	AREF2
39	ACH3	5	AREF3
40	AGND	6	AGND
41	ACH4	7	AREF4
42	ACH5	8	AREF5
43	ACH6	9	AREF6
44	ACH7	10	AREF7
45	AGND	11	AGND
46	ACH8	12	AREF8
47	ACH9	13	AREF9
48	ACH10	14	AREF10
49	ACH11	15	AREF11
50	AGND	16	AGND
51	ACH12	17	AREF12
52	ACH13	18	AREF13
53	ACH14	19	AREF14
54	ACH15	20	AREF15
55	AGND	21	AGND
56	ACH16	22	AREF16
57	ACH17	23	AREF17
58	ACH18	24	AREF18
59	ACH19	25	AREF19
60	AGND	26	AGND
61	ACH20	27	AREF20
62	PF12	28	PF11
63	ACH22	29	AREF22
64	ACH23	30	AREF23
65	DIO6	31	DIO5
66	DIO3	32	DIO2
67	DIO1	33	DIO0
68	DGND	34	DGND

PCI-14B

SCSI Cent 68F

D

1	+5V	35	+5V
2	DIO2	36	DIO1
3	DIO4	37	DIO3
4	DIO6	38	DIO5
5	DIO8	39	DIO7
6	DIO10	40	DIO9
7	DIO12	41	DIO11
8	DIO14	42	DIO13
9	DIO16	43	DIO15
10	DIO18	44	DIO17
11	DIO20	45	DIO19
12	DIO22	46	DIO21
13	DIO24	47	DIO23
14	DGND	48	DGND
15	CNTR0_CLK	49	CNTR0_GATE
16	CNTR1_CLK	50	CNTR1_GATE
17	CNTR2_CLK	51	CNTR2_GATE
18	CNTR3_CLK	52	CNTR3_GATE
19	CNTR4_CLK	53	CNTR4_GATE
20	CNTR5_CLK	54	CNTR5_GATE
21	DGND	55	DGND
22	DIOCNTR0_TC	56	DIOCNTR1_TC
23	DIOCNTR2_TC	57	DIOCNTR3_TC
24	DIOCNTR4_TC	58	DIOCNTR5_TC
25	DIO7	59	DIO8
26	DIO9	60	DIO10
27	DIO11	61	DIO12
28	DIO13	62	DIO14
29	DIO15	63	DIO16
30	DIO17	64	DIO18
31	DIO19	65	DIO20
32	DIO21	66	DIO22
33	DIO23	67	DIO24
34	DGND	68	+5V

PCI-30G

SCSI-II-50F CENT

A

50	CHAN31	25	CHAN30
49	CHAN29	24	CHAN28
48	CHAN27	23	CHAN26
47	CHAN25	22	CHAN24
46	CHAN23	21	CHAN22
45	CHAN21	20	CHAN20
44	CHAN19	19	CHAN18
43	CHAN17	18	CHAN16
42	CHAN15	17	CHAN14
41	CHAN13	16	CHAN12
40	CHAN11	15	CHAN10
39	CHAN9	14	CHAN8
38	CHAN7	13	CHAN6
37	CHAN5	12	CHAN4
36	CHAN3	11	CHAN2
35	CHAN1	10	CHAN0
34	AGND	9	AGND
33	AGND	8	AGND
32	SEN50	7	DAC1
31	SEN51	6	DAC2
30	SEN52	5	DAC3
29	SEN53	4	DGND
28	EXT_CLK	3	DGND
27	-12V	2	EXT_TRIG
26	+12V	1	+5V

IDC-40M

D

1	PA0	2	PA1
3	PA2	4	PA3
5	PA4	6	PA5
7	PA6	8	PA7
9	PB0	10	PB1
11	PB2	12	PB3
13	PB4	14	PB5
15	PB6	16	PB7
17	PC0	18	PC1
19	PC2	20	PC3
21	PC4	22	PC5
23	PC6	24	PC7
25	PC8	26	CLK2
27	PC9	28	CLK1
29	CGT0	30	CGT1
31	CGT2	32	CGT3
33	COU1	34	COU2
35	COU3	36	COU4
37	COU5	38	COU6
39	DGND	40	DGND

DB-37F (Int)

D

20	PA1	1	PA0
21	PA3	2	PA2
22	PA5	3	PA4
23	PA7	4	PA6
24	PB1	5	PB0
25	PB3	6	PB2
26	PB5	7	PB4
27	PB7	8	PB6
28	PC1	9	PC0
29	PC3	10	PC2
30	PC5	11	PC4
31	PC7	12	PC6
32	CLK2	13	DGND
33	CLK1	14	CNT0
34	CGT0	15	CNT1
35	CGT1	16	CGT2
36	CGT2	17	CNT2
37	CGT3	18	CNT3
19	+5V	19	+5V

PCI-773

DB-37M

1	AGND	20	-12V
2	+12V	21	AGND
3	CJC_TEMP	22	CH15
4	CH15+	23	CH14
5	CH14+	24	CH13
6	CH13+	25	CH12
7	CH12+	26	CH11
8	CH11+	27	CH10
9	CH10+	28	CH9
10	CH9+	29	CH8
11	CH8+	30	CH7
12	CH7+	31	CH6
13	CH6+	32	CH5
14	CH5+	33	CH4
15	CH4+	34	CH3
16	CH3+	35	CH2
17	CH2+	36	CH1
18	CH1+	37	CH0
19	CH0+		

DB-37M

1	DIO	2	DIO1
3	DIO2	4	DIO3
5	DIO4	6	DIO5
7	DIO6	8	DIO7
9	DIO8	10	DIO9
11	DIO10	12	DIO11
13	DIO12	14	DIO13
15	DIO14	16	DIO15
17	DGND	18	DGND
19	DIO0	20	DIO1
21	DIO2	22	DIO3
23	DIO4	24	DIO5
25	DIO6	26	DIO7
27	DIO8	28	DIO9
29	DIO10	30	DIO11
31	DIO12	32	DIO13
33	DIO14	34	DIO15
35	DGND	36	DGND
37	DGND	40	+5V

PCI-836C

DB-37M

D

20	PC3	1	+12V
21	PC2	2	+5V
22	PC1	3	GND
23	PC0	4	PA0
24	PC4	5	PA1
25	PC5	6	PA2
26	PC6	7	PA3
27	PC7	8	PA4
28	GND	9	PA5
29	GND	10	PA6
30	GND	11	PA7
31	GND	12	PA8
32	GND	13	PA9
33	EXTTRIG	14	PB2
34	EXTTRIGRET	15	PB1
35	-12V	16	PB4
36	NC	17	PB5
37	GND	18	PB6
		19	PB7

IDC-20M (Int)

D

1	DIO	2	DIO1
3	DIO2	4	DIO3
5	DIO4	6	DIO5
7	DIO6	8	DIO7
9	DIO8	10	DIO9
11	DIO10	12	DIO11
13	DIO12	14	DIO13
15	DIO14	16	DIO15
17	GND	18	GND
19	+5V	20	+5V

DB-25M

D

14	DO1	1	DO0
15	DO3	2	DO2
16	DO5	3	DO4
17	DO7	4	DO6
18	DO9	5	DO8
19	DO11	6	DO10
20	DO13	7	DO12
21	DO15	8	DO14
22	GND	9	GND
23	+5V	10	+5V
24	NC	11	NC
25	NC	12	NC
		13	NC