

1Metre long SCREENED “Y-CABLE-3” WIRING TABLE

37&80WAY SCREENED CABLE (WITH SCREEN WIRE&FOIL
CONNECTED TO ALL CONNECTOR SHELLS) TO BE USED

For use with: National Instruments PCI MIO Series E &
Eagle Technology Card PCI-703-32/32A/64/64A

(REVISION-2) 01/07/2002)

SIGNAL NAME	PIN NUMBER SCSI II “D-Sub”F * Label: PCI-703-64A	PIN NUMBER DB37F * Label: DIGITAL	PIN NUMBER 80pin SCSI II “D-Sub”M * Label: ANALOG
	PCI-703- 32/32A/64/64A	DIGITAL I/O MODULES	ANALOG MODULES
ANALOG INPUT GND	1	-	1
ANALOG INPUT GND	2	-	11
ACH0	3	-	2
ACH8	4	-	42
ACH1	5	-	3
ACH9	6	-	43
ACH2	7	-	4
ACH10	8	-	44
ACH3	9	-	5
ACH11	10	-	45
ACH4	11	-	6
ACH12	12	-	46
ACH5	13	-	7
ACH13	14	-	47
ACH6	15	-	8
ACH14	16	-	48
ACH7	17	-	9
ACH15	18	-	49
ANALOG INPUT SENSE	19	-	10
DAC0OUT	20	-	39
DAC1OUT	21	-	79
EXTREF	22	-	80
ANALOG OUTPUT GND	23	-	38
DIGITAL GND	24	4	-
DIO0	25	20	-
DIO4	26	23	-
DIO1	27	2	-
DIO5	28	5	-
DIO2	29	3	-
DIO6	30	6	-
DIO3	31	22	-
DIO7	32	25	-
DIGITAL GND	33	15	-
+5V	34	29	-
+5V	35	26	-
SCANCLK	36	27	-
EXTSTROBE	37	9	-
PFI0/TRIG1	38	28	-
PFI1/TRIG2	39	30	-
PFI2/CONVERT	40	12	-
PFI3/GPCTR1_SOURCE	41	31	-
PFI4/GPCTR1_GATE	42	32	-
GPCTR1_OUT	43	34	-
PFI5/UPDATE	44	14	-
PFI6/WFTRIG	45	33	-

PFI7/STARTSCAN	46	16	-
PFI8/GPCTR0_SOURCE	47	35	-
PFI9/GPCTR0_GATE	48	36	-
GPCTR0_OUT	49	18	-
FREQ_OUT	50	37	-
ACH16	51	-	12
ACH24	52	-	52
ACH17	53	-	13
ACH25	54	-	53
ACH18	55	-	14
ACH26	56	-	54
ACH19	57	-	15
ACH27	58	-	55
ACH20	59	-	16
ACH28	60	-	56
ACH21	61	-	17
ACH29	62	-	57
ACH22	63	-	18
ACH30	64	-	58
ACH23	65	-	19
ACH31	66	-	59
ACH32	67	-	21
ACH40	68	-	61
ACH33	69	-	22
ACH41	70	-	62
ACH34	71	-	23
ACH42	72	-	63
ACH35	73	-	24
ACH43	74	-	64
ANALOG INPUT SENSE2	75	-	51
ANALOG INPUT GND	76	-	29
ACH36	77	-	25
ACH44	78	-	65
ACH37	79	-	26
ACH45	80	-	66
ACH38	82	-	27
ACH46	82	-	67
ACH39	83	-	28
ACH47	84	-	68
ACH48	85	-	30
ACH56	86	-	70
ACH49	87	-	31
ACH57	88	-	71
ACH50	89	-	32
ACH58	90	-	72
ACH51	91	-	33
ACH59	92	-	73
ACH52	93	-	34
ACH60	94	-	74
ACH53	95	-	35
ACH61	96	-	75
ACH54	97	-	36
ACH62	98	-	76
ACH55	99	-	37
ACH63	100	-	77
DIGITAL GND	SCREEN WIRE	SCREEN WIRE	SCREEN WIRE

* Label: Means that these connector covers must be labeled:
“PCI-703-64A”, “DIGITAL” and “ANALOG” respectively!