

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

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

For use ONLY with: National Instruments PCI MIO 16E-4/1
and Eagle Technology PCI-703-16/16A Cards

(REVISION-1) 17/03/2000

SIGNAL NAME	PIN NUMBER 68 SCSI II “D-Sub”F * Label: PCI-703-16	PIN NUMBER DB37F * Label: DIGITAL	PIN NUMBER DB37F * Label: ANALOG
	PCI-703-16/16A	DIGITAL I/O MODULES	ANALOG MODULES
FREQ_OUT	1	37	-
GPCTR0_OUT	2	18	-
PFI9/GPCTR0_GATE	3	36	-
DIGITAL GND	4	17	-
PFI6/WFTRIG	5	33	-
PFI5/UPDATE	6	14	-
DIGITAL GND	7	13	-
+5V	8	19	-
DIGITAL GND	9	11	-
PFI1/TRIG2	10	30	-
PFI0/TRIG1	11	28	-
DIGITAL GND	12	8	-
DIGITAL GND	13	7	-
+5V	14	26	-
DIGITAL GND	15	21	-
DIO6	16	6	-
DIO1	17	2	-
DIGITAL GND	18	1	-
DIO4	19	23	-
EXTREF	20	-	20
DAC1OUT	21	-	21
DAC0OUT	22	-	22
ACH15	23	-	12
ANALOG INPUT GND	24	-	25
ACH6	25	-	24
ACH13	26	-	29
ANALOG INPUT GND	27	-	5
ACH4	28	-	4
ANALOG INPUT GND	29	-	22
ACH3	30	-	3
ACH10	31	-	27
ANALOG INPUT GND	32	-	8
ACH1	33	-	20
ACH8	34	-	7
DIGITAL GND	35	19	-
DIGITAL GND	36	19	-
PFI8/GPCTR0_SOURCE	37	35	-
PFI7/STARTSCAN	38	16	-
DIGITAL GND	39	15	-
GPCTR1_OUT	40	34	-
PFI4/GPCTR1_GATE	41	32	-
PFI3/GPCTR1_SOURCE	42	31	-
PFI2/CONVERT	43	12	-
DIGITAL GND	44	10	-
EXTSTROBE	45	9	-
SCANCLK	46	27	-

DIO3	47	22	-
DIO7	48	25	-
DIO2	49	3	-
DIGITAL GND	50	24	-
DIO5	51	5	-
DIO0	52	20	-
DIGITAL GND	53	4	-
ANALOG OUTPUT GND	54	-	37
ANALOG OUTPUT GND	55	-	36
ANALOG INPUT GND	56	-	31
ACH7	57	-	6
ACH14	58	-	30
ANALOG INPUT GND	59	-	11
ACH5	60	-	23
ACH12	61	-	10
ANALOG INPUT SENSE	62	-	13
ACH11	63	-	9
ANALOG INPUT GND	64	-	28
ACH2	65	-	21
ACH9	66	-	26
ANALOG INPUT GND	67	-	2
ACH0	68	-	1
DIGITAL GND	SCREEN WIRE	SCREEN WIRE	SCREEN WIRE

* Label: Means that these connector covers must be labeled:
“PCI-703-16”, “DIGITAL” and “ANALOG” respectively!