NATIONAL INSTRUMENTS
P C - D I O - 2 4

Card Type	Digital I/O card
Chip Set	OKI
I/O Options	50-pin interface
Data Bus	16-bit ISA
Card Size	Half-length, full-height
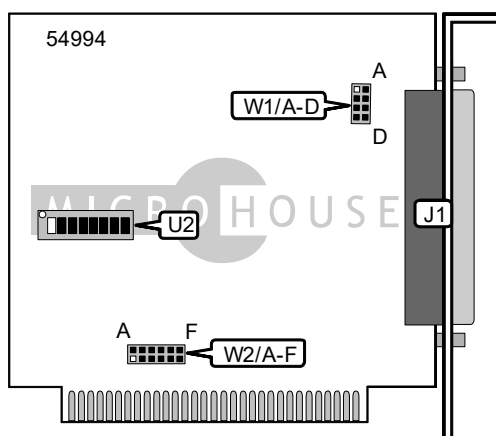
CONNECTIONS	
Function	Label
50-pin interface	J1

BASE I/O ADDRESS SELECTION								
Setting	U2/1	U2/2	U2/3	U2/4	U2/5	U2/6	U2/7	U2/8
100h	Off	On	On	On	On	On	On	On
200h	On	Off	On	On	On	On	On	On
í 210h	Off	On	On	On	On	Off	On	On
300h	Off	Off	On	On	On	On	On	On
400h	On	On	Off	On	On	On	On	On
EF00h	Off	Off	Off	Off	On	Off	Off	Off
FB00h	Off	Off	On	Off	Off	Off	Off	Off
FD00h	Off	On	Off	Off	Off	Off	Off	Off
FE00h	On	Off	Off	Off	Off	Off	Off	Off
FF00h	Off	Off	Off	Off	Off	Off	Off	Off

Note: A total of 255 base address settings are available. The switches are a binary representation of the decimal memory addresses. U2/8 is the Most Significant Bit and switch U2/1 is the Least Significant Bit. The switches have the following decimal values: U2/8=32768, U2/7=16384, U2/6=8192, U2/5=4096, U2/4=2048, U2/3=1024, U2/2=512, U2/1=256. Turn off the switches and add the values of the switches to obtain the correct memory address. (Off=1, On=0)

INTERRUPT ENABLE LINE SELECTION				
Line	W1/A	W1/B	W1/C	W1/D
PC2	Open	Open	Closed	Open
í PC4	Open	Closed	Open	Open
PC6	Closed	Open	Open	Open
N/C (disabled)	Open	Open	Open	Closed

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PARALLEL PORT INTERRUPT SELECTION						
IRQ	W2/A	W2/B	W2/C	W2/D	W2/E	W2/F
3	Closed	Open	Open	Open	Open	Open
4	Open	Closed	Open	Open	Open	Open
í 5	Open	Open	Closed	Open	Open	Open
6	Open	Open	Open	Closed	Open	Open
7	Open	Open	Open	Open	Closed	Open
9	Open	Open	Open	Open	Open	Closed