PCI-1780U
8-ch Counter/Timer Card

PIN Assignment

GND	68	34	FOUT3
GND	67	33	FOUT2
GND	66	32	FOUT1
GND	65	31	FOUT0
GND	64	30	OUT7
GND	63	29	OUT6
GND	62	28	OUT5
GND	61	27	OUT4
GND	60	26	OUT3
GND	59	25	OUT2
GND	58	24	OUT1
GND	57	23	OUT0
DO7	56	22	DO6
DO5	55	21	DO4
DO3	54	20	DO2
DO1	53	19	DO0
+5V	52	18	+5V
DI7	51	17	DI6
DI5	50	16	DI4
DI3	49	15	DI2
DI1	48	14	DI0
GND	47	13	EXT CLK
GATE7	46	12	GATE6
GATE5	45	11	GATE4
GATE3	44	10	GATE2
GATE1	43	9	GATE0
GND	42	8	CLK7
GND	41	7	CLK6
GND	40	6	CLK5
GND	39	5	CLK4
GND	38	4	CLK3
GND	37	3	CLK2
GND	36	2	CLK1
GND	35	1	CLK0

Signal Name	Reference	Direction	Description
GND	-	-	**DC ground**
+5V	GND	Output	**+5 VDC source**
FOUT<0..3>	GND	Output	**Frequency output channels**
OUT<0..7>	GND	Output	**Counter output channels**
DO<0..7>	GND	Output	**Digital output channels**
EXT_CLK	GND	Input	**External clock input**
CLK<0..7>	GND	Input	**Input Clock input channels**
GATE<0..7>	GND	Input	**Input Gate control channels**
DI<0..7>	GND	Input	**Input Digital input channels**