

High Voltage Protection



Specifications

DIGITAL INPUTS	
Number:	24 (TTL Compatible)
Protection:	- 40V to +40V
Interrupt Capability:	3 of 24 Inputs can be used to generate host interrupts
Programmable:	Level, Edge (Rising or Falling) or Change of State
DIGITAL OUTPUTS	
Number:	24 (TTL)
Drive:	Source 50mA, Sink 50mA
Protection:	- 40V to +40V, Current Limit
Other:	6 of 24 Outputs can be configured as frequency outputs from counter/timers
Counter Timers	
Number:	6x 24-bit
Clock Source:	External: Up to 10MHz
	Internal: 50MHz
Gate Source:	External or software configured
Type:	Programmable: One shot, Pulse or Square Wave
Interrupt:	One for each Timer
EXTERNAL	
Dimensions:	143 mm x 98,5 mm

DESCRIPTION

The **PCI-I4B** is a PCI-bus plug-in counter and digital I/O board. It features 24 digital inputs and 24 digital outputs. Six counter/timers are programmable to generate interrupts or one shot, pulse or square wave. A special feature of the PCI-I4B is its protected input and outputs.

FEATURES

- 24 Digital Inputs & 24 Digital Outputs
- 6 Programmable Counter/Timers
- Inputs: Protected up to $\pm 40V$ with Transzors & Resistors
- Outputs: Protected with Solid State Fuses & Transzors
- Programmable Interrupt generation on Counter Timers as well as 8 digital inputs
- Windows98/ME/2000/XP OS Support (NT on request)
- Linux OS Support
- Labview, Testpoint and VEE Pro Drivers
- PCI-bus revision 2.2 compliant

SCSI Cent 68F

+5V	1	35	+5V
DI2	2	36	DI1
DI4	3	37	DI3
DI6	4	38	DI5
DI8	5	39	DI7
DI10	6	40	DI9
DI12	7	41	DI11
DI14	8	42	DI13
DI16	9	43	DI15
DI18	10	44	DI17
DI20	11	45	DI19
DI22	12	46	DI21
DI24	13	47	DI23
DGND	14	48	DGND
CNTR0_CLK	15	49	CNTR0_GATE
CNTR1_CLK	16	50	CNTR1_GATE
CNTR2_CLK	17	51	CNTR2_GATE
CNTR3_CLK	18	52	CNTR3_GATE
CNTR4_CLK	19	53	CNTR4_GATE
CNTR5_CLK	20	54	CNTR5_GATE
DGND	21	55	DGND
DO1/CNTR0_TC	22	56	DO2/CNTR1_TC
DO3/CNTR2_TC	23	57	DO4/CNTR3_TC
DO5/CNTR4_TC	24	58	DO6/CNTR5_TC
DO7	25	59	DO8
DO9	26	60	DO10
DO11	27	61	DO12
DO13	28	62	DO14
DO15	29	63	DO16
DO17	30	64	DO18
DO19	31	65	DO20
DO21	32	66	DO22
DO23	33	67	DO24
DGND	34	68	DGND

Optional Accessories

OPTION 1:

ADPT-6868SCD SCSI-II 68(F) Cent & SCSI-II 68(F) DSub to 69way Scr.T. Adaptor
SCSI-C68M/M 68 SCSI-II Centronics (M) to (M) Screened Cable

OPTION 2:

PC-43A5 Digital Multi-I/O Adaptor
SCSI-C68M/M 68 SCSI-II Centronics (M) to (M) Screened Cable

Ordering Information

Supplied with EDR Enhanced Software

PCI-I4B Fully protected 48 Line DIO board with 6x 24bit Counter Timers

Optional Accessories Diagram

