DASP-52096
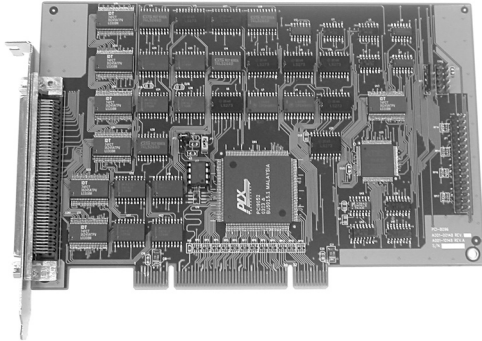
High Density 96-channel DI/O Card

Features

▶ **96 TTL digital I/O channels**
▶ **Buffered circuits for higher driving capacity**
▶ **Multiple-source interrupt handling**
▶ **Interrupt output pin for simultaneously triggering external devices with the interrupt**
▶ **Output status read-back**
▶ **Supports dry contact and wet contact**
▶ **Serial number on EEPROM supported**
▶ **Windows® 98/NT/2000/XP and Labview 6.0/7.0 driver supported**
▶ **Complete sample program- VB, VC, BCB, Delphi**

Specifications

Digital Input	
Type	TTL level
Input voltage	High level: 2.0V to 5.2V
	Low level: -0.5V to 0.8V
Load current	-0.45mA to +70mA
Digital Output	
Type	TTL level
Sink Current	0.4V@+64mA (Logic level 0)
Source current	2.4V@-15mA (Logic level 1)
General Environment	
I/O connector	100-pin SCSI-II pin type female
Power consumption	+5V @ 900mA (max.)
Operating temperature	0 ~ 60˚C
Storage temperature	-20 ~ 70˚C
Humility	0 ~ 90% non-condensing
Dimensions	185mm x 122 mm

Applications

• Digital I/O control
• Process I/O monitoring
• Alarm monitoring
• Product test
• Test automation
• Laboratory automation

Ordering Information

DASP-52096	High-density 96 channel DI/O card
Terminal Board	
TB-88200	100-pin SCSI-II pin type female terminal board
Cable	
CB-89200-2	SCSI-II 100P pin type cable 2M

Introduction

The DASP-52096 is a PCI-bus, high-density, 96 TTL digital I/O card. It has a higher output current driving capability than 8255, and each port allows users to configure it as inputs or outputs. It also features serial numbers on the EEPROM and PCI scan utility.

Board Identification- Serial Number on EEPROM
The DASP stores the serial number of each DASP in the EEPROM before shipping. The PCI scan utility can scan all the DASP and show users the serial number of each DASP, helping the user to easily identify and access each card.

Pin Assignment

Pin	#		#	Pin
P0PA0	1		51	P2PA0
P0PA1	2		52	P2PA1
P0PA2	3		53	P2PA2
P0PA3	4		54	P2PA3
P0PA4	5		55	P2PA4
P0PA5	6		56	P2PA5
P0PA6	7		57	P2PA6
P0PA7	8		58	P2PA7
P0PB0	9		59	2PB0
P0PB1	10		60	P2PB1
P0PB2	11		61	P2PB2
P0PB3	12		62	P2PB3
P0PB4	13		63	P2PB4
P0PB5	14		64	P2PB5
P0PB6	15		65	P2PB6
P0PB7	16		66	P2PB7
P0PC0	17		67	P2PC0
P0PC1	18		68	P2PC1
P0PC2	19		69	P2PC2
P0PC3	20		70	P2PC3
P0PC4	21		71	P2PC4
P0PC5	22		72	P2PC5
P0PC6	23		73	P2PC6
P0PC7	24		74	P2PC7
GND	25		75	GND
P1PA0	26		76	P3PA0
P1PA1	27		77	P3PA1
P1PA2	28		78	P3PA2
P1PA3	29		79	P3PA3
P1PA4	30		80	P3PA4
P1PA5	31		81	P3PA5
P1PA6	32		82	P3PA6
P1PA7	33		83	P3PA7
P1PB0	34		84	P3PB0
P1PB1	35		85	P3PB1
P1PB2	36		86	P3PB2
P1PB3	37		87	P3PB3
P1PB4	38		88	P3PB4
P1PB5	39		89	P3PB5
P1PB6	40		90	P3PB6
P1PB7	41		91	P3PB7
P1PC0	42		92	P3PC0
P1PC1	43		93	P3PC1
P1PC2	44		94	P3PC2
P1PC3	45		95	P3PC3
P1PC4	46		96	P3PC4
P1PC5	47		97	P3PC5
P1PC6	48		98	P3PC6
P1PC7	49		99	P3PC7
+5V	50		100	+5V

* All specifications and photos are subject to change without notice.