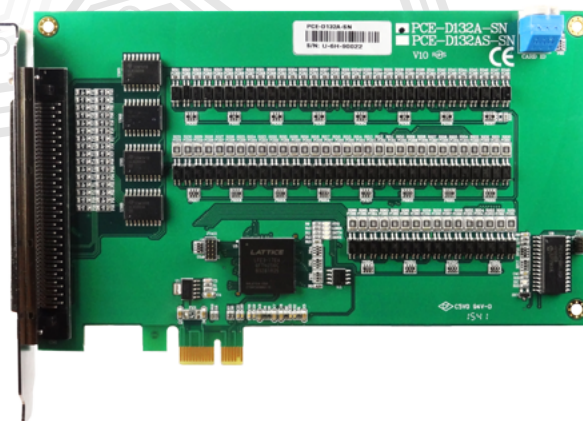


PCI Express PCE-D132A-SN

48 Ch. Isolated Digital IN
32 Ch. Isolated Digital OUT

Features

- PCI Express x1 compliant
- Board ID
- Keep digital outputs status after warm reboot
- Readable digital output signals



Specification

Digital I/O Interface

Surge protection	10KV
I/O isolation voltage	3750Vrms
Input impedance	5.6KΩ/0.5W
Input logic	Logic 0: 0V to 1.5V Logic 1: 5V to 24V
Input types	NPN / PNP
Output types	NPN open collector darlington transistors
Switch capacity	Each output Ch. is 350mA at 24VDC
Response time	On to Off, about 50μs Off to On, about 10μs
I/O pin type	Optically isolated with 3750Vrms on all SCSI 100 pin

General

Specifications	1-lane 2.5 Gb/s PCI Express
Power consumption	3.3VDC at 430mA, 12VDC at 55mA typical
Working temperature	0 to 60°C

Ordering information

- **PCE-D132A-SN**
48 Ch./ 32 Ch. Digital input / output with NPN type
- **107-T160-DUM**
General-Purpose Terminal Board
- **107-T161-DUM**
General-Purpose Terminal Board
- **SCB-166-20A**
SCSI 100 pin, 2M

Pin Definition

PCE-D132A

COM1	01	51	COM6	
IN 0	02	52	IN 40	IN 40
IN 1	03	53	IN 41	IN 41
IN 2	04	54	IN 42	IN 42
IN 3	05	55	IN 43	IN 43
IN 4	06	56	IN 44	IN 44
IN 5	07	57	IN 45	IN 45
IN 6	08	58	IN 46	IN 46
IN 7	09	59	IN 47	IN 47
COM1	10	60	COM6	
COM2	11	61	+COM7	
IN 8	12	62	OUT 0	OUT 0
IN 9	13	63	OUT 1	OUT 1
IN 10	14	64	OUT 2	OUT 2
IN 11	15	65	OUT 3	OUT 3
IN 12	16	66	OUT 4	OUT 4
IN 13	17	67	OUT 5	OUT 5
IN 14	18	68	OUT 6	OUT 6
IN 15	19	69	OUT 7	OUT 7
COM2	20	70	-COM7	
COM3	21	71	+COM8	
IN 16	22	72	OUT 8	OUT 8
IN 17	23	73	OUT 9	OUT 9
IN 18	24	74	OUT 10	OUT 10
IN 19	25	75	OUT 11	OUT 11
IN 20	26	76	OUT 12	OUT 12
IN 21	27	77	OUT 13	OUT 13
IN 22	28	78	OUT 14	OUT 14
IN 23	29	79	OUT 15	OUT 15
COM3	30	80	-COM8	
COM4	31	81	+COM9	
IN 24	32	82	OUT 16	OUT 16
IN 25	33	83	OUT 17	OUT 17
IN 26	34	84	OUT 18	OUT 18
IN 27	35	85	OUT 19	OUT 19
IN 28	36	86	OUT 20	OUT 20
IN 29	37	87	OUT 21	OUT 21
IN 30	38	88	OUT 22	OUT 22
IN 31	39	89	OUT 23	OUT 23
COM4	40	90	-COM9	
COM5	41	91	+COM10	
IN 32	42	92	OUT 24	OUT 24
IN 33	43	93	OUT 25	OUT 25
IN 34	44	94	OUT 26	OUT 26
IN 35	45	95	OUT 27	OUT 27
IN 36	46	96	OUT 28	OUT 28
IN 37	47	97	OUT 29	OUT 29
IN 38	48	98	OUT 30	OUT 30
IN 39	49	99	OUT 31	OUT 31
COM5	50	100	-COM10	