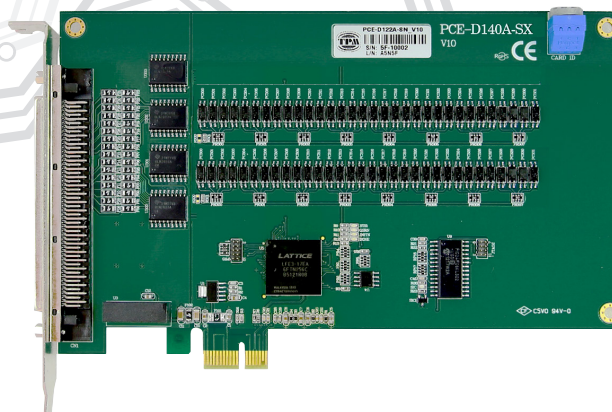


PCI Express PCE-D140A-SX

64-Ch. Isolated Digital IN

Features

- PCI Express x1 compliant
- Board ID



Specifications

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
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

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

Pin Definition

PCE-D140A

IN 1	IN 0	01	51	IN 8	IN 9
	IN 2	02	52	IN 10	
IN 3		03	53	IN 11	IN 12
	IN 4	04	54		
IN 5		05	55	IN 13	IN 14
	IN 6	06	56		
IN 7		07	57	IN 15	
	COM0	08	58	COM1	COM1
COM0		09	59	COM1	COM1
	COM0	10	60	COM1	COM1
COM0		11	61	COM1	COM1
	IN 16	12	62	COM1	COM1
IN 17		13	63	IN 24	IN 25
	IN 18	14	64		
IN 19		15	65	IN 26	IN 27
	IN 20	16	66		
IN 21		17	67	IN 28	IN 29
	IN 22	18	68		
IN 23		19	69	IN 30	IN 31
	COM2	20	70	COM3	COM3
COM2		21	71	COM3	COM3
	COM2	22	72	COM3	COM3
COM2		23	73	COM3	COM3
	NC	24	74	COM3	COM3
IN 32		25	75	NC	IN 40
	IN 33	26	76		
IN 34		27	77	IN 41	IN 42
	IN 35	28	78		
IN 36		29	79	IN 43	IN 44
	IN 37	30	80		
IN 38		31	81	IN 45	IN 46
	IN 39	32	82		
COM4		33	83	IN 47	COM5
	COM4	34	84	COM5	COM5
COM4		35	85	COM5	COM5
	COM4	36	86	COM5	COM5
IN 48		37	87	COM5	IN 56
	IN 49	38	88		
IN 50		39	89	IN 57	IN 58
	IN 51	40	90		
IN 52		41	91	IN 59	IN 60
	IN 53	42	92		
IN 54		43	93	IN 61	IN 62
	IN 55	44	94		
COM6		45	95	IN 63	COM7
	COM6	46	96	COM7	COM7
COM6		47	97	COM7	COM7
	COM6	48	98	COM7	COM7
	COM6	49	99	COM7	COM7
5V OUT		50	100	5V OUT	

Ordering information

- **PCE-D140A-SX**
64-Ch. Digital input with NPN type
- **107-T160-DUM**
General-purpose terminal board
- **107-T161-DUM**
General-purpose terminal board
- **SCB-166-20A**
SCSI 100 pin, 2M