

PCI Express PCE-D150A-SX

80 Ch. Isolated Digital IN

Features

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

Pin Definition

PCE-D150A

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



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
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-D150A-SX**
80 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