



Specifications

Surge protection	10KV
I/O isolation voltage	3750Vrms
Output types	NPN open collector darlington transistors
Switch capacity	Each output Ch. is 100mA at 24VDC
Response time	On to Off, about 50 μ s; Off to On, about 10 μ s
I/O pin type	Optically isolated with 3750Vrms on all SCSI 100 pin
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

Features

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

Ordering Information

PCE-D105A-XN	80-Ch. DO 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-D105A

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