

PCI Express PCE-D104A-XN

64 Ch. Isolated Digital OUT

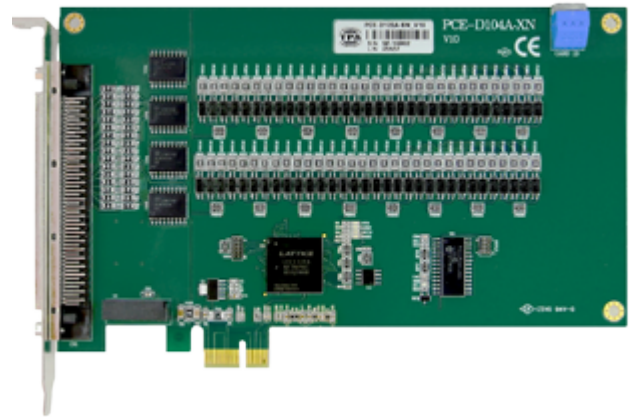
Features

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

Pin Definition

PCE-D104A

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



Specification

Digital I/O Interface

Surge protection	10KV
I/O isolation voltage	3750Vrms
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-D104A-XN**
64 Ch. Digital 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