

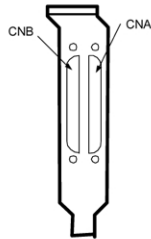
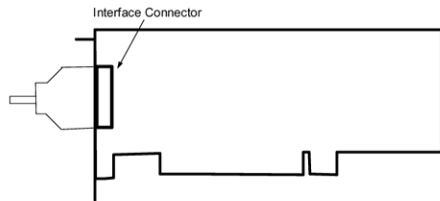
PCI-1758UDO

128-channel Isolated Digital Output Card

PIN Assignment

The I/O connector on PCI-1758UDO is one MINI-SCSI HDRA-E100 Female connector.

Note: The PCL-101100S-1 (1m) shielded cable is especially designed for the PCI-1758U series to reduce noise in the analog signal lines.



CNB				CNA			
PEF_COMP	100	50	PAB_COMP	P01_COMM	1	51	P45_COMM
PEF_COMP	99	49	PAB_COMP	P01_COMM	2	52	P45_COMM
PF_ID007	98	48	PB_ID007	P01_COMM	3	53	P45_COMM
PF_ID006	97	47	PB_ID006	P01_COMM	4	54	P45_COMM
PF_ID005	96	46	PB_ID005	P01_COMM	5	55	P45_COMM
PF_ID004	95	45	PB_ID004	P01_COMM	6	56	P45_COMM
PF_ID003	94	44	PB_ID003	P0_ID000	7	57	P4_ID000
PF_ID002	93	43	PB_ID002	P0_ID001	8	58	P4_ID001
PF_ID001	92	42	PB_ID001	P0_ID002	9	59	P4_ID002
PF_ID000	91	41	PB_ID000	P0_ID003	10	60	P4_ID003
PE_ID007	90	40	PA_ID007	P0_ID004	11	61	P4_ID004
PE_ID006	89	39	PA_ID006	P0_ID005	12	62	P4_ID005
PE_ID005	88	38	PA_ID005	P0_ID006	13	63	P4_ID006
PE_ID004	87	37	PA_ID004	P0_ID007	14	64	P4_ID007
PE_ID003	86	36	PA_ID003	P1_ID000	15	65	P5_ID000
PE_ID002	85	35	PA_ID002	P1_ID001	16	66	P5_ID001
PE_ID001	84	34	PA_ID001	P1_ID002	17	67	P5_ID002
PE_ID000	83	33	PA_ID000	P1_ID003	18	68	P5_ID003
PEF_COMM	82	32	PAB_COMM	P1_ID004	19	69	P5_ID004
PEF_COMM	81	31	PAB_COMM	P1_ID005	20	70	P5_ID005
PEF_COMM	80	30	PAB_COMM	P1_ID006	21	71	P5_ID006
PEF_COMM	79	29	PAB_COMM	P1_ID007	22	72	P5_ID007
PEF_COMM	78	28	PAB_COMM	P01_COMP	23	73	P45_COMP
PEF_COMM	77	27	PAB_COMM	P01_COMP	24	74	P45_COMP
NC	76	26	NC	NC	25	75	NC
NC	75	25	NC	NC	26	76	NC
PCD_COMP	74	24	P89_COMP	P23_COMM	27	77	P67_COMM
PCD_COMP	73	23	P89_COMP	P23_COMM	28	78	P67_COMM
PD_ID007	72	22	P9_ID007	P23_COMM	29	79	P67_COMM
PD_ID006	71	21	P9_ID006	P23_COMM	30	80	P67_COMM
PD_ID005	70	20	P9_ID005	P23_COMM	31	81	P67_COMM
PD_ID004	69	19	P9_ID004	P23_COMM	32	82	P67_COMM
PD_ID003	68	18	P9_ID003	P2_ID000	33	83	P6_ID000
PD_ID002	67	17	P9_ID002	P2_ID001	34	84	P6_ID001
PD_ID001	66	16	P9_ID001	P2_ID002	35	85	P6_ID002
PD_ID000	65	15	P9_ID000	P2_ID003	36	86	P6_ID003
PC_ID007	64	14	P8_ID007	P2_ID004	37	87	P6_ID004
PC_ID006	63	13	P8_ID006	P2_ID005	38	88	P6_ID005
PC_ID005	62	12	P8_ID005	P2_ID006	39	89	P6_ID006
PC_ID004	61	11	P8_ID004	P2_ID007	40	90	P6_ID007
PC_ID003	60	10	P8_ID003	P3_ID000	41	91	P7_ID000
PC_ID002	59	9	P8_ID002	P3_ID001	42	92	P7_ID001
PC_ID001	58	8	P8_ID001	P3_ID002	43	93	P7_ID002
PC_ID000	57	7	P8_ID000	P3_ID003	44	94	P7_ID003
PCD_COMM	56	6	P89_COMM	P3_ID004	45	95	P7_ID004
PCD_COMM	55	5	P89_COMM	P3_ID005	46	96	P7_ID005
PCD_COMM	54	4	P89_COMM	P3_ID006	47	97	P7_ID006
PCD_COMM	53	3	P89_COMM	P3_ID007	48	98	P7_ID007
PCD_COMM	52	2	P89_COMM	P23_COMP	49	99	P67_COMP
PCD_COMM	51	1	P89_COMM	P23_COMP	50	100	P67_COMP

Signal Name	Reference	Direction	Description
P0_IDO00~ 07	P01_COMM	Output	Isolated Digital Output of port 0
P1_IDO00~ 07	P01_COMM	Output	Isolated Digital Output of port 1
P2_IDO00~ 07	P23_COMM	Output	Isolated Digital Output of port 2
P3_IDO00~ 07	P23_COMM	Output	Isolated Digital Output of port 3
P4_IDO00~ 07	P45_COMM	Output	Isolated Digital Output of port 4
P5_IDO00~ 07	P45_COMM	Output	Isolated Digital Output of port 5
P6_IDO00~ 07	P67_COMM	Output	Isolated Digital Output of port 6
P7_IDO00~ 07	P67_COMM	Output	Isolated Digital Output of port 7
P8_IDO00~ 07	P89_COMM	Output	Isolated Digital Output of port 8
P9_IDO00~ 07	P89_COMM	Output	Isolated Digital Output of port 9
PA_IDO00~ 07	PAB_COMM	Output	Isolated Digital Output of port A
PB_IDO00~ 07	PAB_COMM	Output	Isolated Digital Output of port B
PC_IDO00~ 07	PCD_COMM	Output	Isolated Digital Output of port C
PD_IDO00~ 07	PCD_COMM	Output	Isolated Digital Output of port D
PE_IDO00~ 07	PEF_COMM	Output	Isolated Digital Output of port E
PF_IDO00~ 07	PEF_COMM	Output	Isolated Digital Output of port F
P01_COMM	-	-	Negative external power supply
P23_COMM	-	-	Negative external power supply
P45_COMM	-	-	Negative external power supply
P67_COMM	-	-	Negative external power supply
P89_COMM	-	-	Negative external power supply
PAB_COMM	-	-	Negative external power supply
PCD_COMM	-	-	Negative external power supply
PEF_COMM	-	-	Negative external power supply
P01_COMP	-	-	Positive external power supply
P23_COMP	-	-	Positive external power supply
P45_COMP	-	-	Positive external power supply
P67_COMP	-	-	Positive external power supply
P89_COMP	-	-	Positive external power supply
PAB_COMP	-	-	Positive external power supply
PCD_COMM	-	-	Positive external power supply
PEF_COMM	-	-	Positive external power supply
NC	-	-	Not used