

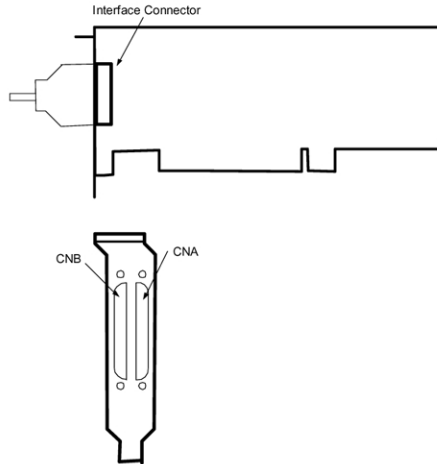
PCI-1758UDI

128-channel Isolated Digital Input Card

PIN Assignment

The I/O connector on PCI-1758UDI 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_COMM	100	50	PAB_COMM	NC	1	51	NC
PEF_COMM	99	49	PAB_COMM	NC	2	52	NC
PF_IDI07	98	48	PB_IDI07	NC	3	53	NC
PF_IDI06	97	47	PB_IDI06	NC	4	54	NC
PF_IDI05	96	46	PB_IDI05	NC	5	55	NC
PF_IDI04	95	45	PB_IDI04	NC	6	56	NC
PF_IDI03	94	44	PB_IDI03	P0_IDI00	7	57	P4_IDI00
PF_IDI02	93	43	PB_IDI02	P0_IDI01	8	58	P4_IDI01
PF_IDI01	92	42	PB_IDI01	P0_IDI02	9	59	P4_IDI02
PF_IDI00	91	41	PB_IDI00	P0_IDI03	10	60	P4_IDI03
PE_IDI07	90	40	PA_IDI07	P0_IDI04	11	61	P4_IDI04
PE_IDI06	89	39	PA_IDI06	P0_IDI05	12	62	P4_IDI05
PE_IDI05	88	38	PA_IDI05	P0_IDI06	13	63	P4_IDI06
PE_IDI04	87	37	PA_IDI04	P0_IDI07	14	64	P4_IDI07
PE_IDI03	86	36	PA_IDI03	P1_IDI00	15	65	P5_IDI00
PE_IDI02	85	35	PA_IDI02	P1_IDI01	16	66	P5_IDI01
PE_IDI01	84	34	PA_IDI01	P1_IDI02	17	67	P5_IDI02
PE_IDI00	83	33	PA_IDI00	P1_IDI03	18	68	P5_IDI03
NC	82	32	NC	P1_IDI04	19	69	P5_IDI04
NC	81	31	NC	P1_IDI05	20	70	P5_IDI05
NC	80	30	NC	P1_IDI06	21	71	P5_IDI06
NC	79	29	NC	P1_IDI07	22	72	P5_IDI07
NC	78	28	NC	P01_COMM	23	73	P45_COMM
NC	77	27	NC	P01_COMM	24	74	P45_COMM
NC	76	26	NC	NC	25	75	NC
NC	75	25	NC	NC	26	76	NC
PCD_COMM	74	24	P89_COMM	NC	27	77	NC
PCD_COMM	73	23	P89_COMM	NC	28	78	NC
PD_IDI07	72	22	P9_IDI07	NC	29	79	NC
PD_IDI06	71	21	P9_IDI06	NC	30	80	NC
PD_IDI05	70	20	P9_IDI05	NC	31	81	NC
PD_IDI04	69	19	P9_IDI04	NC	32	82	NC
PD_IDI03	68	18	P9_IDI03	P2_IDI00	33	83	P6_IDI00
PD_IDI02	67	17	P9_IDI02	P2_IDI01	34	84	P6_IDI01
PD_IDI01	66	16	P9_IDI01	P2_IDI02	35	85	P6_IDI02
PD_IDI00	65	15	P9_IDI00	P2_IDI03	36	86	P6_IDI03
PC_IDI07	64	14	P8_IDI07	P2_IDI04	37	87	P6_IDI04
PC_IDI06	63	13	P8_IDI06	P2_IDI05	38	88	P6_IDI05
PC_IDI05	62	12	P8_IDI05	P2_IDI06	39	89	P6_IDI06
PC_IDI04	61	11	P8_IDI04	P2_IDI07	40	90	P6_IDI07
PC_IDI03	60	10	P8_IDI03	P3_IDI00	41	91	P7_IDI00
PC_IDI02	59	9	P8_IDI02	P3_IDI01	42	92	P7_IDI01
PC_IDI01	58	8	P8_IDI01	P3_IDI02	43	93	P7_IDI02
PC_IDI00	57	7	P8_IDI00	P3_IDI03	44	94	P7_IDI03
NC	56	6	NC	P3_IDI04	45	95	P7_IDI04
NC	55	5	NC	P3_IDI05	46	96	P7_IDI05
NC	54	4	NC	P3_IDI06	47	97	P7_IDI06
NC	53	3	NC	P3_IDI07	48	98	P7_IDI07
NC	52	2	NC	P23_COMM	49	99	P67_COMM
NC	51	1	NC	P23_COMM	50	100	P67_COMM

Signal Name	Reference	Direction	Description
P0_IDI00~ 07	P01_COM	Input	Isolated Digital Input of port 0
P1_IDI00~ 07	P01_COM	Input	Isolated Digital Input of port 1
P2_IDI00~ 07	P23_COM	Input	Isolated Digital Input of port 2
P3_IDI00~ 07	P23_COM	Input	Isolated Digital Input of port 3
P4_IDI00~ 07	P45_COM	Input	Isolated Digital Input of port 4
P5_IDI00~ 07	P45_COM	Input	Isolated Digital Input of port 5
P6_IDI00~ 07	P67_COM	Input	Isolated Digital Input of port 6
P7_IDI00~ 07	P67_COM	Input	Isolated Digital Input of port 7
P8_IDI00~ 07	P89_COM	Input	Isolated Digital Input of port 8
P9_IDI00~ 07	P89_COM	Input	Isolated Digital Input of port 9
PA_IDI00~ 07	PAB_COM	Input	Isolated Digital Input of port A
PB_IDI00~ 07	PAB_COM	Input	Isolated Digital Input of port B
PC_IDI00~ 07	PCD_COM	Input	Isolated Digital Input of port C
PD_IDI00~ 07	PCD_COM	Input	Isolated Digital Input of port D
PE_IDI00~ 07	PEF_COM	Input	Isolated Digital Input of port E
PF_IDI00~ 07	PEF_COM	Input	Isolated Digital Input of port F
P01_COM	-		Common port of port 0 and port 1
P23_COM	-		Common port of port 2 and port 3
P45_COM	-		Common port of port 4 and port 5
P67_COM	-		Common port of port 6 and port 7
P89_COM	-		Common port of port 8 and port 9
PAB_COM	-		Common port of port A and port B
PCD_COM	-		Common port of port C and port D
PEF_COM	-		Common port of port E and port F
NC	-		Not used