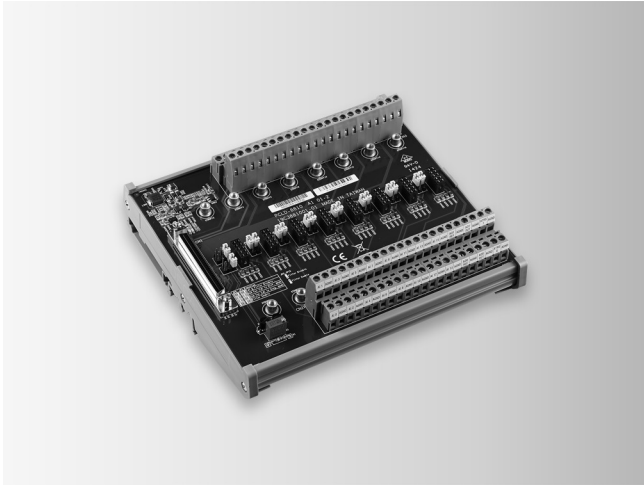


PCLD-8810I PCLD-8810E

68-pin SCSI DIN-rail Wiring Board with CJC



Features

- 16-single-ended or 8 differential AI inputs, programmable
- On-board CJC circuit for direct thermocouple measurement
- Reserved space for signal-conditioning circuit such as PCLD-8811
- Industrial-grade screw-clamp terminal blocks for heavy-duty and reliable connections
- DIN-rail mounting case for easy mounting
- **PCLD-8810I only**
- Supports PCI-1710U/UL/HGU, PCI-1711U/UL, PCI-1716/L, PCI-1741U, PCI-1742U
- **PCLD-8810E only**
- Supports PCIE-1810, PCIE-1816/H

Introduction

The PCLD-8810I is designed to match multifunction cards with 68-pin SCSI-II connectors, such as the PCI-1710/1710L/1710HG/1710HGL/1711/1711L/1716/1716L/1741U/1742U cards. PCLD-8810E is designed to match multifunction cards with 68-pin SCSI-II connectors, such as the PCIE-1810/1816/1816H cards. This screw-terminal board also includes cold junction sensing circuitry that allows direct measurements from thermocouple transducers. Together with software compensation and linearization, every thermocouple type can be accommodated.

Due to its special PCB layout, you can install the PCLD-8811 to construct your own signal-conditioning circuits. The PCLD-8811 is an 8-order low-pass filter that can be programmable by jumper.

SCSI Pin Assignment : PCLD-8810E

A10	68	34	A11
A12	67	33	A13
A14	66	32	A15
A16	65	31	A17
A18	64	30	A19
A110	63	29	A111
A112	62	28	A113
A114	61	27	A115
AGND	60	26	AGND
AO0_R	59	25	AO1_REF
AO0_O	58	24	AO1_OUT
AGND	57	23	AGND
ATRG0	56	22	ATRG1
DTRG0	55	21	DTRG1
AI_SCAN	54	20	AI_CONV
NA	53	19	AO_CONV
DIO0	52	18	DIO1
DIO2	51	17	DIO3
DIO4	50	16	DIO5
DIO6	49	15	DIO7
DGND	48	14	DGND
DIO8	47	13	DIO9
DIO10	46	12	DIO11
DIO12	45	11	DIO13
DIO14	44	10	DIO15
DIO16	43	9	DIO17
DIO18	42	8	DIO19
DIO20	41	7	DIO21
DIO22	40	6	DIO23
DGND	39	5	DGND
CNT0_CLK	38	4	CNT1_CLK
CNT0_OUT	37	3	CNT1_OUT
CNT0_GATE	36	2	CNT1_GATE
+12V	35	1	+5V

SCSI Pin Assignment : PCLD-8810I

A10	68	34	A11
A12	67	33	A13
A14	66	32	A15
A16	65	31	A17
A18	64	30	A19
A110	63	29	A111
A112	62	28	A113
A114	61	27	A115
AGND	60	26	AGND
AO0_REF*	59	25	AO1_REF*
AO0_OUT*	58	24	AO1_OUT*
AO0_GND*	57	23	AO0_GND*
DIO0	56	22	DIO1
DIO2	55	21	DIO3
DIO4	54	20	DIO5
DIO6	53	19	DIO7
DIO8	52	18	DIO9
DIO10	51	17	DIO11
DIO12	50	16	DIO13
DIO14	49	15	DIO15
DGND	48	14	DGND
DO0	47	13	DO1
DO2	46	12	DO3
DO4	45	11	DO5
DO6	44	10	DO7
DO8	43	9	DO9
DO10	42	8	DO11
DO12	41	7	DO13
DO14	40	6	DO15
DGND	39	5	DGND
CNT0_CLK	38	4	PAGER_OUT
CNT0_OUT	37	3	TRG_GATE
CNT0_GATE	36	2	EXT_TRG
+12V	35	1	+5V

Ordering Information

- **PCLD-8810E-AE** 68-pin SCSI DIN-rail Wiring Board for PCIE-1810 series
- **PCLD-8810I-AE** 68-pin SCSI DIN-rail Wiring Board for PCI-1710 series

Accessories

- **Cables**
- **PCL-10168-1E** 68-pin SCSI Shielded Cable, 1 m
- **PCL-10168-2E** 68-pin SCSI Shielded Cable, 2 m
- **PCL-10168H-1E** 68-pin SCSI Shielded Cable with Noise Rejecting, 1 m
- **PCL-10168H-2E** 68-pin SCSI Shielded Cable with Noise Rejecting, 2 m
- **Signal Conditioning Board**
- **PCLD-8811-AE** Bandwidth-Configurable filter board