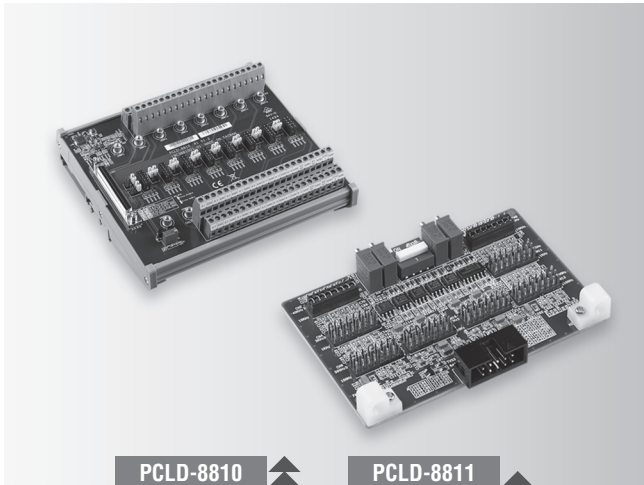


PCLD-8810 PCLD-8811

68-pin SCSI DIN-rail Wiring Board with CJC

Low-Pass Active Filter Board



Features

PCLD-8810

- 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-8811

- Low-pass active filter
- 8 set of low-pass Frequencies form 10Hz up to 40KHz
- 2 single-ended or 1 differential AI inputs
- Offset and gain calibration

Introduction

The PCLD-8810 is designed to match multifunction cards with 68-pin SCSI-II connectors, it not only has offers 8 slot to plug-in active filter PCLD-8811 includes cold junction sensing circuitry that allows direct measurements from thermocouple transducers. Engineer can demand on frequency and amplitude of raw signals to decide which channels need to add PCLD-8811.

Pin Assignment

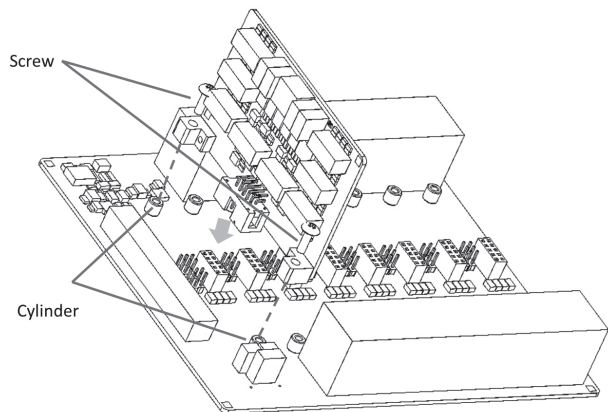
PCLD-8810I

Function	Pin	Function
AI 0	68	AI 1
AI 2	67	AI 3
AI 4	66	AI 5
AI 6	65	AI 7
AI 8	64	AI 9
AI 10	63	AI 11
AI 12	62	AI 13
AI 14	61	AI 15
AGND	60	AGND
A00 REF	59	A01 REF
A00 OUT	58	A01 OUT
AGND	57	AGND
DI 0	56	DI 1
DI 2	55	DI 3
DI 4	54	DI 5
DI 6	53	DI 7
DI 8	52	DI 9
DI 10	51	DI 11
DI 12	50	DI 13
DI 14	49	DI 15
DGND	48	DGND
DO 0	47	DO 1
DO 2	46	DO 3
DO 4	45	DO 5
DO 6	44	DO 7
DO 8	43	DO 9
DO 10	42	DO 11
DO 12	41	DO 13
DO 14	40	DO 15
DGND	39	DGND
CNT0 CLK	38	PACER OUT
CNT0 OUT	37	TRG GATE
CNT0 GATE	36	EXT TRG
+12V	35	+5V

PCLD-8810E

Function	Pin	Function
AI 0	68	AI 1
AI 2	67	AI 3
AI 4	66	AI 5
AI 6	65	AI 7
AI 8	64	AI 9
AI 10	63	AI 11
AI 12	62	AI 13
AI 14	61	AI 15
AGND	60	AGND
A00 REF	59	A01 REF
A00 OUT	58	A01 OUT
AGND	57	AGND
ATRGO	56	ATRGI
DTRGO	55	DTRGI
AI SCAN	54	AI CONV
NA	53	AO CONV
DIO 0	52	DIO 1
DIO 2	51	DIO 3
DIO 4	50	DIO 5
DIO 6	49	DIO 7
DGND	48	DGND
DIO 8	47	DIO 9
DIO 10	46	DIO 11
DIO 12	45	DIO 13
DIO 14	44	DIO 15
DIO 16	43	DIO 17
DIO 18	42	DIO 19
DIO 20	41	DIO 21
DIO 22	40	DIO 23
DGND	39	DGND
CNT0 CLK	38	CNT1 CLK
CNT0 OUT	37	CNT1 OUT
CNT0 GATE	36	CNT1 GATE
+12V	35	+5V

PCLD-8811 Install instruction



1. Plug the PCLD-8811 onto the PCLD-8810

2. Screw the pillars to the cylinders.

Note: Ensure that the pillar is aligned to the cylinder.

Ordering Information

- **PCLD-8810E-AE** 68-pin SCSI DIN-rail Wiring Board for PCIE-1800 series
- **PCLD-8810I-AE** 68-pin SCSI DIN-rail Wiring Board for PCI-1700 series
- **PCLD-8811-AE** Low-Pass Active Filter Board