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PCI-1710HGL

RoHS

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100 KS/s, 12-bit High-Gain Multifunction Card w/o Analog Output



Main Features

- 16 single-ended, 8 differential or a combination of analog inputs
- 12-bit A/D converter, with up to 100 kHz sampling rate
- Programmable gain for each input channel
- Free combination of single-ended and differential inputs
- On-board 4 K samples FIFO buffer
- Two 12-bit analog output channels
- 16 digital inputs and 16 digital outputs
- Programmable pacer/counter
- BoardID™ Switch
- Short circuit protection

Datasheet (PDF)

Free Download WaveScan

Manual/ Driver/ BIOS/ FAQ

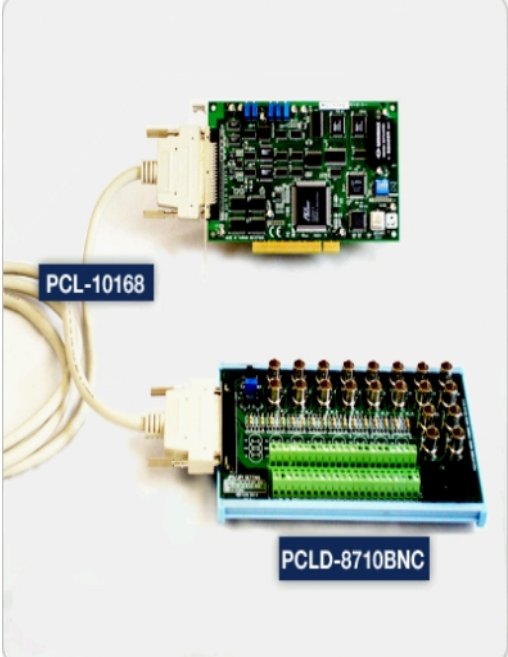
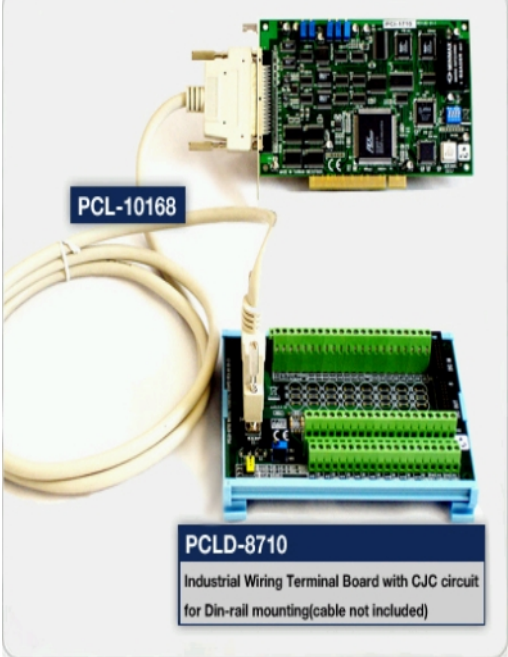
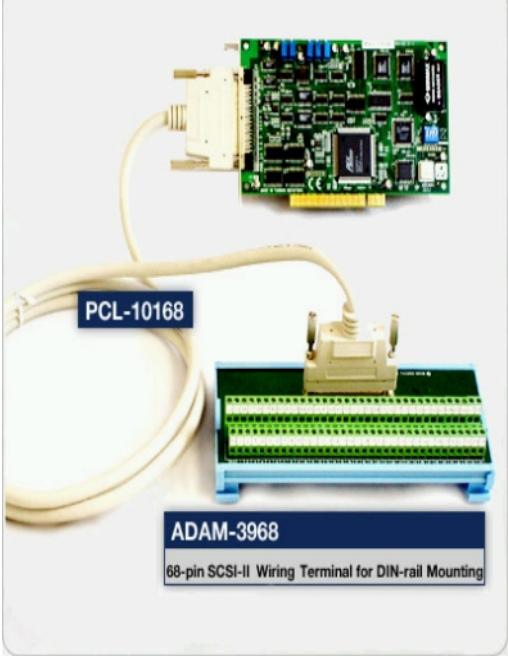
Introduction	
The PCI-1710HGL is a multifunction DAS card for the PCI bus. Its advanced circuit design provides higher quality and more functions, including the five most desired measurement and control functions: 12-bit A/D conversion, D/A conversion, digital input, and counter/timer.	

Specifications		
Part Number		PCI-1710HGL-CE
Analog Input	Bipolar Input Ranges (V)	±10, 5, 1, 0.5,0.1, 0.05, 0.01, 0.005
	Channels	16 S.E./8 Diff
	Resolution	12 bits
	Sampling Rate	100 kS/s
	Unipolar Input Ranges (V)	0~ 10, 0~1 0~0.1, 0~0.01
Analog Output	Resolution	12 bits
Digital I/O	Digital Input Channels	16
	Digital Output Channels	16
General	Bus	PCI
Timer/Counter	Resolution	16 bits
	Time Base	10 MHz

Ordering Information	
Part Number	Description
PCI-1710HGL-CE	RoHS 100k, 12bit High Gain Multifunction Card w/o AO

Accessory	
Part Number	Description
ADAM-3968-AE	SCSI-68 Wiring Terminal, DIN-rail Mount
PCL-10168-1E	SCSI-68 Shielded Cable, 1m
PCL-10168-2E	SCSI-68 Shielded Cable, 2m
PCLD-8710-AE	SCSI-68 Wiring Terminal w/CJC, DIN-rail Mount

More Information



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