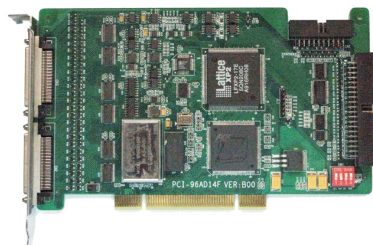


# PCI-96AD14F

96-channel single-end/48-channel differential, 14-bit analog input, sampling rate up to 3Msps; 16-channel digital input/output



## Specifications and Features

### Analog input

Channel: 96-channel single-end/48-channel differential  
 Resolution: 14-bit  
 FIFO size: 4K x 24-bit  
 Conversion time: 333ns (max. 3MHz sampling rate)  
 Input voltage range (V): 0~10, 0~5, 0~2.5, 0~2.0, 0~1.0, 0~0.5, 0~0.1  
 ±5, ±2.5, ±1.25, ±1.0, ±0.5, ±0.25, ±0.05  
 Trigger mode: Trigger method: External analog trigger, external digital trigger (TTL)

### TTL digital input/output

Channel: 16-channel  
 Byte-oriented input/output method setting

## General Specification

4-bit Board ID setup  
 PCI2.2 compliant  
 Power consumption: Typical: +5 V @ 700mA; maximum: +5 V @1000mA  
 Dimensions (L x H): 175mm x 106 mm (6.9" x 4.2")  
 Operating temperature: 0~60°C  
 Storage temperature: -20~70°C  
 Relative humidity: 5~95% (IEC 68-2-3), non-condensing

## Ordering Information

| Part Number | Model Number | Description  |
|-------------|--------------|--|
| 0060-003750 | PCI-96AD14F  | 96-channel single-end/48-channel differential, 14-bit analog input, sampling rate up to 3Msps; 16-channel digital input/output (byte-oriented operation) |

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**10**  
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**11**  
Accessories