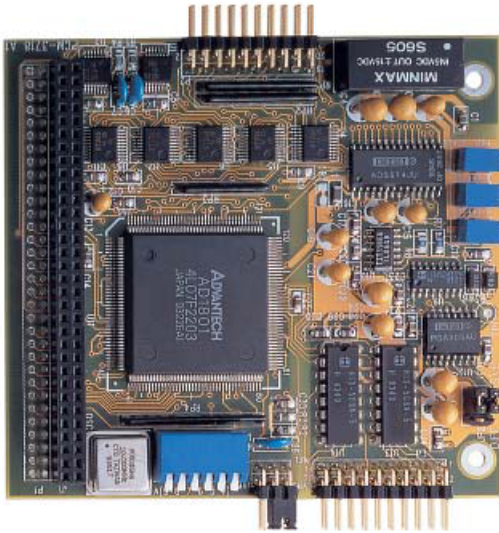


## PCM-3718H

12-bit DAS Module with Programmable Gain



### Features

- 16 single-end or 8 differential analog inputs
- 12-bit A/D converter, up to 100KHz specification sampling rate with DMA transfer
- Two 8-bit digital input/output channels, TTL compatible

### Specifications

#### ■ Analog Input

Channels : 16 single-ended or 8 differential inputs  
 Resolution : 12 bits  
 Input range :  
 Bipolar :  $\pm 10$ ,  $\pm 5$ ,  $\pm 2.5$ ,  $\pm 1.25$ ,  $\pm 0.625$   
 Unipolar : 0~10, 0~5, 0~2.5, 0~1.25

#### ■ Digital Input/Output

Channels : Two 8-bit TTL-Level Digital I/O channels  
 Input voltage : Logic 0: 0.8V max  
                   Logic 1: 2.0V min  
 Output voltage : Logic 0: 0.33V max. @ 6mA (sink)  
                       Logic 1: 3.84V min. @ 6mA (source)