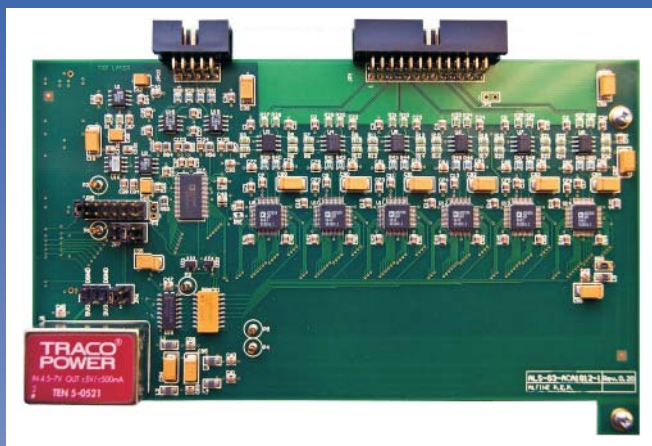




## TECHNICAL INFORMATION

# ALS-G3-ACA1812-1

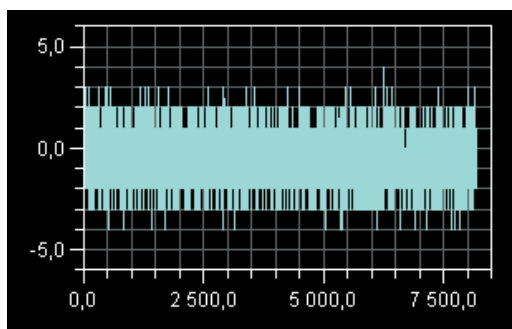
## ANALOG FRONT-END EXTENSION CARD FOR **ALS-G3-2368PCI EVAL BOARD**



### Card Features

- **Card electricly and mechanically compliant with ALS-G3-2368PCI Evaluation Board**
- **ADC Block**  
Six 18-bit Analog-To-Digital Converters; Sample Rate: up 800 kHz; input voltage range: +/- 2.5 V
- **DAC Block**  
One 12-bit, 4-channel Digital-To-Analog Converter with output voltage range: +/- 2.5 V; settling time: 5 us
- **Card is equipped with DC/DC Converter**  
The +/-5 V output voltages are available for User Applications via AD input header with max output currents: + 200/- 300 mA
- **Communication Interfaces: paralel port (DATA: 16-bit, ADRESS: 24-bit, Control Lines)**

### Channel 0 AD Conversion Results



#### Notices:

- 1/ Sample Rate: 300 kHz
- 2/ Inputs of differential amplifier short-circuited to ground
- 3/ Digitally compensated offset
- 4/ Record length: 8192 Samples

### Available Software and Development Tools C Library Modules and Example Software

Card specification could be object of changes without notices !



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