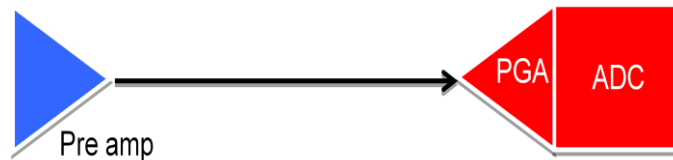


## Seismic and Magnetic Sensors Solution

### Description:

Extreme accuracy for seismic and magnetic sensor applications. Combination of an ultra low distortion amplifier and a 31bit delta sigma ADC for highest sensitivity.



### Key Features:

- Low Noise – Input Noise Density
  - High SNR, near zero distortion means high accuracy of input signal for maximum signal integrity and sensitivity.
- High Accuracy – 31bit Delta Sigma with selectable digital filter
  - Enables very accurate calculations for seismic applications and excellent sensor images for magnetic sensor products.

### Devices:

Part Number	Description	Farnell order code
LME49990	Full-Bridge PWM Controller	<a href="#">2064705</a> <a href="#">1800191</a>
ADS1282	High-Resolution Analog-to-Digital Converter	<a href="#">1754690</a>

**Associated Products:**

<b>Part Number</b>	<b>Description</b>	<b>Farnell order code</b>
ADS1282EVM	EVALUATION MODULE	<a href="#">2081104</a>