Kits

A good way to learn more about piezo film sensors is to purchase one of our design kits. These kits illustrate the use of piezo film in different configurations, and are a good starting point to learn more about piezo film sensors and their applications.

Basic Design

This kit demonstrates the use of MEAS piezo film sensors as microphones, speakers, switches and acoustic pickups. All the components and film samples in the kit can be used for experimentation.

Contents of the Basic Design Kit:

- Technical Manual
- Speaker Element
- Piezo Cable
- Flicker
- SW100-01-R
- ACH-04-08-05
- SDT1-028K
- LDT0-028K
- LDT1-028K
- DT1-028K
- Test PCB ACH-04-08
- Application Notes
- Application Specs
- Instructions Sheets

Ultrasound Design Kit

This kit demonstrates the use of the MEAS piezo film for low frequency (40 kHz) ultrasound. Typical applications include two-dimensional positioning, digitizers, object detection, and distance measurement.

Contents of the Ultrasound Design Kit:

- 40 kHz transmitters (4 ea)
- 40 kHz transmitters (4 ea)
- One drive electronic board
- Preamplifier (2 ea)
- Test boards (2 ea)
- Cable assembles
- Product data sheets
- Instruction sheets

Vibration/ Acceleration

This kit demonstrates the capabilities of piezo film as a vibration sensor and accelerometer component. The kit includes shielded and unshielded thin film sensors and an ACH-01 accelerometer component with an interface amplifier.

Contents of the Vibration and Acceleration Kit:

- Technical Manual
- SDT1-028K
- ACH-01 MEAS Box
- ACH01-03/10
- LDT1-028K
- LDT0-028K
- DT1-028K
- 9 Volt Battery
- Application Specs
- Instructions Sheets