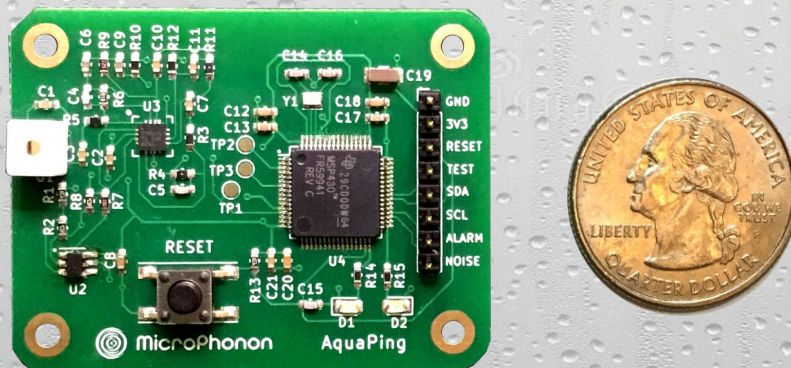


Battery-Powered Acoustic Leak Detection



Stand-off detection of pressurized water leaks – even behind walls

Designed for high sensitivity, reliability, and long battery life

All analysis at the edge – no audio streamed to cloud

Smart Sensing

Nominal acoustic background acquired at startup

Immune to environmental and impulse noise

Eavesdropping impossible

Two-way communication with host controller via I2C

Detailed sensor status always available

Monitoring parameters highly configurable by host

Immediate notification with dedicated alarm line

Based on the new Texas Instruments MSP430FR5994 MCU

FFT spectral analysis > 10x faster/efficient than ARM-Cortex M0+

Direct Memory Access manages data without CPU intervention

Sensor operational voltage range: 1.8–3.6V