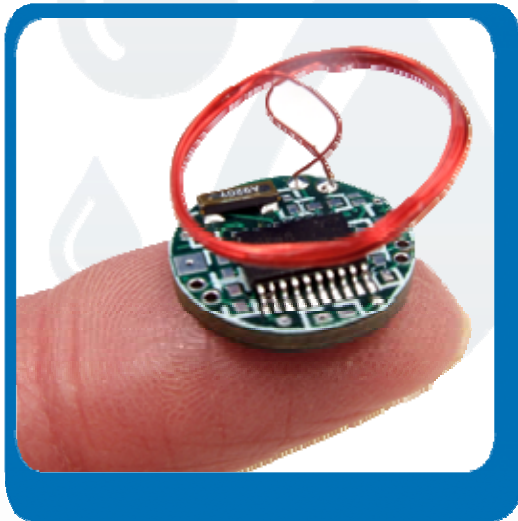
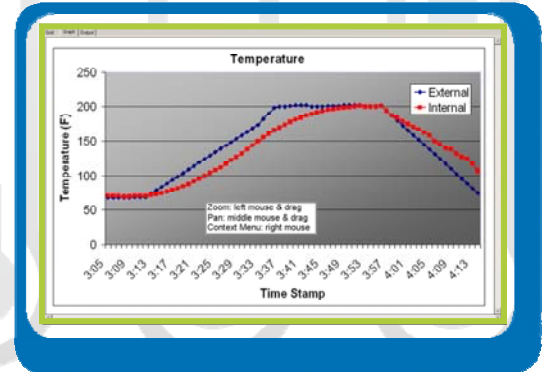


MELEXIS AND PHASE IV ENGINEERING—AN INNOVATIVE PARTNERSHIP

Melexis, a Belgian-based manufacturer of smart mixed-signal semiconductors, integrated circuits and integrated sensors, recognizes Phase IV Engineering, Incorporated as an authorized RFID Module Manufacturer and Partner in North America.

The Melexis MLX90129 Sensor Tag IC offers these Unique Capabilities

- 13.56 MHz Passive ISO15693 RFID Sensing
- Battery-powered data logger of 3 sensors
- On-board, highly-accurate temperature sensor
- 2 external sensor inputs, including bridge input
- Resistive inputs can support most standard sensors
- Trim analog sensors with gain and offset controls
- SPI bus for added memory or active wireless
- Read embedded sensors through materials at 13.56 MHz
- Small size—easy to embed and low thermal mass
- Low power mode extends data logging battery life
- Ultra-small, sealed sensors are read wirelessly



CHOSEN FOR OUR EXPERTISE

- Integration experts in the technology we invented over 15 years ago.
- Core competency in RFID sensing — LF, HF and UHF.
- Expertise in all system components in a wireless sensing system—passive sensors, packaging, receivers, software, and calibration.
- Calibration expertise and lab results in highly accurate, low-cost sensors.
- Rapid custom software development from an extensive software library and experienced team of software engineers.
- In-house manufacturing for rapid prototyping and high-volume production.
- Custom sensor packaging expertise for proof of concept and production.

maintenance-free | miniature | mobile | rugged

