

# NEWSRELEASE

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## **Teledyne Judson Technologies Completes Expansion of PbS and PbSe Fabrication Facility**

MONTGOMERYVILLE, P.A. – [February 6, 2015] – Building upon 45 years of excellence in infrared detector performance and reliability, Teledyne Judson Technologies (Judson), a subsidiary of Teledyne Technologies Incorporated (NYSE:TDY), is proud to announce the completion of a major expansion of its PbS (lead sulfide) and PbSe (lead selenide) facilities. PbS and PbSe are often referred together as ‘lead salt’ materials. The new clean room facility dedicated to lead salt material growth, wafer fabrication, assembly, and test increases Judson’s capacity and quality of lead salt product offerings. The facilities, fabrication processes, and technical personnel have been qualified, and are now addressing the increased market demand for lead salt infrared sensors.

The lead salt detectors produced by Judson’s facility provide state-of-the-art performance and reliability. Lead salt detectors are offered in a variety of sizes and packaging, including flat plate cells format, TO-style packages, and with thermoelectric coolers to provide low temperature operation for increased sensitivity. Sensor solutions including discrete filters, multi-filter arrays, and integrated lenses are also available.

Lead salt detectors economically achieve high sensitivity performance in rugged and compact packages for applications such as nondispersive infrared sensor spectroscopy, optical pyrometry, flame spectroscopy, moisture analysis, environmental gas analysis, medical gas analysis, and grain / feed inspection. Due to their high performance at room temperature and compact size, lead salt detectors also provide excellent value for mobile applications, smart home equipment, and the Internet of Things. For more information on how PbS and PbSe detectors can be used in your application, please contact Judson at [information@teledynejudson.com](mailto:information@teledynejudson.com) or call us at 215.368.6900.

Teledyne Technologies Incorporated is a leading provider of sophisticated instrumentation, digital imaging products and software, aerospace and defense electronics, and engineered systems. Teledyne Technologies’ operations are primarily located in the United States, Canada, the United Kingdom, and Western and Northern Europe. For more information, visit Teledyne Technologies’ website at [www.teledyne.com](http://www.teledyne.com) or Teledyne Judson Technologies’ website at [www.teledynejudson.com](http://www.teledynejudson.com).

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