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AVO PHOTONICS PROVIDES VACUUM PACKAGING SERVICES FOR IR IMAGING CAMERA APPLICATIONS

HORSHAM, Pa. (April 30, 2007) – Avo Photonics, specialists in optical and RF packaging solutions, now provides vacuum packaging services to support its customers producing IR imaging cameras. Offerings include support of low volume prototypes utilizing packages with ports and high volume assemblies employing low cost vacuum reflow sealing.

“Through careful mechanical and material design, we have created packaging solutions that maintain low mTorr levels,” said David Winick, Avo’s VP of Engineering. “The successful vacuum package design requires analysis of not only the housing and window sealing technologies, but factoring of internal material outgassing, getters, feedthrus, and lifetime environmental exposure.”

As contract manufacturers, Avo Photonics offers a full suite of opto-electronic packaging services. Starting from its exceptional design team through its fully equipped clean room volume production facility, Avo is dedicated to providing outstanding service to its customers.

“Through meticulous handling and controlled procedures, we have enabled our customers to recognize their designs,” said Joel Hoffman, Avo Photonics Senior Process Engineer. “Our ability to support customers from the initial low volume build and characterization is critical to the higher volume, low cost, success of the product. In particular, it is important when developing a new IR imager to have the ability to separate package induced effects from imager chip characteristics. Meeting sub mTorr vacuum levels are often needed to aid the chip designers in optimizing higher resolution images.”

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For a complete overview of Avo Photonics' service offerings, visit www.avophotonics.com or call 215-441-0107.

About Avo Photonics

Avo Photonics specializes in photonic design and manufacturing solutions for the military, aerospace, medical, communications, and Industrial markets. Avo Photonics' mission is to provide support services from design through production for products in all its markets. Avo can be found on the Internet at www.avophotonics.com.

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