

## **Checkpoint Technologies, LLC Releases First Production 3.3 NA SIL Objective**

SAN JOSE, Calif.--(BUSINESS WIRE)--Checkpoint Technologies, LLC, announces the release of the first production 3.3 NA Solid Immersion Lens objective. Checkpoint Technologies designs and builds its own Solid Immersion Lens (SIL) objectives offering the highest NA available. This new SIL provides our customers worldwide with state-of-the-art image resolution to <200nm for backside IC imaging. Checkpoint's 3.3 NA SIL objective can be easily integrated into any existing InfraScan™ system thus increasing our customers' ability to resolve the finest structure in state-of-the-art IC's.

"Checkpoint Technologies is continuing its leadership in the IC debugging and imaging field, by introducing the first production 3.3 NA SIL," said Michael Jupina, Checkpoint Technologies General Manager. "This SIL is a culmination of Checkpoint's SIL technology, over the past 7 years, with the ability to resolve some of the smallest IC structures in today's designs and target the newest technologies." Dr. Jupina went on to say that, "Checkpoint and its customers are moving forward with plans for upgrades to its worldwide installed base."

Due to Checkpoint's proprietary process techniques, Checkpoint Technologies can configure a SIL objectives for DUT thicknesses to suit users needs. Solid immersion lens microscopy combines the advantages of conventional microscopy with those of contact imaging, and is being increasingly adopted across a diverse range of technologies and applications. Checkpoint Technologies InfraScan product line offers state-of-the-art design with exceptional reliability and near zero downtime for laser timing measurement, photon emission microscopy and laser debugging.

### About Checkpoint Technologies

Founded in 1995, Checkpoint Technologies develops and manufactures optical failure analysis tools used by semiconductor manufacturers to improve the speed and reliability of integrated circuits for the failure analysis industry.

Checkpoint Technologies is headquartered in San Jose, California USA with worldwide sales and service. [www.checkpointtechnologies.com](http://www.checkpointtechnologies.com)