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## **PRESS RELEASE**

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### **Mirrorcle Technologies and Kaynes Semicon Enter into Technology Transfer Agreement to Establish MEMS Mirror Manufacturing in India**

Kaynes Semicon India Limited and Mirrorcle Technologies, Inc., a California-based world leader in MEMS technology, have entered into a Technology Transfer Agreement (TTA) to establish advanced manufacturing capabilities for packaged MEMS mirrors in India.

Under the agreement, Kaynes Semicon will set up dedicated assembly, testing, and qualification lines at its Sanand, Gujarat facility for initial MEMS mirror package types including Mirrorcle's hermetic TO-based packages and standard connectorized LCC-based packages. The collaboration is aimed at enabling efficient contract manufacturing in India while supporting the development of next-generation MEMS-based products and solutions for global markets.

The agreement also covers the transfer of specific know-how, technical documentation, training, process support, and engineering assistance from Mirrorcle to Kaynes. This will help build local capabilities in high-precision MEMS assembly, testing, and qualification, while laying the foundation for future product development and broader application expansion.

The partnership is expected to support applications across a range of high-growth sectors, including Free Space Optical Communications (FSOC), biomedical imaging and surgery tools, LiDAR, AR/VR, automotive sensing, displays and lighting applications, industrial automation and sensing systems, next-generation telecom and data center technologies, and consumer electronics.

As part of Phase 1 of the project, Mirrorcle will provide technology transfer support for initial MEMS mirror products, training for Kaynes personnel, assistance in equipment selection and setup, pilot batch oversight, and qualification support. Kaynes, in turn, will establish the required infrastructure, allocate trained personnel, and build the manufacturing environment necessary to scale production in India.

This agreement marks a significant step in strengthening India's semiconductor and advanced packaging ecosystem by expanding domestic capabilities in MEMS-based optical systems and enhancing the country's position in the global value chain for emerging semiconductor technologies.

## Strategic Significance of the Agreement

- Strengthening India's MEMS and OSAT ecosystem through localized assembly, testing, and qualification capabilities
- Diversifying global supply chains by creating an additional manufacturing base for advanced MEMS mirror products
- Accelerating commercialization of next-generation applications in telecom, sensing, imaging, and mobility
- Enabling future collaboration in product development, market expansion, and application-specific innovation

The agreement also reflects a shared commitment by both organizations to collaborate on manufacturing excellence, market development, and future technology evolution in MEMS-based systems.

## About Kaynes Semicon India Limited

Kaynes Semicon India Limited is focused on building advanced semiconductor manufacturing and packaging capabilities in India. With a strategic emphasis on OSAT and next-generation electronics manufacturing, the company is committed to supporting the growth of India's semiconductor ecosystem and serving global technology markets.

## About Mirrorcle Technologies, Inc.

Mirrorcle Technologies, Inc., founded in 2005, is a private California corporation that commercially provides products and laser systems based on its proprietary optical microelectromechanical system (MEMS) technology. Since its founding, and supported by its continuous investment in R&D, the company has been offering the world's most comprehensive portfolio of two-axis point-to-point (quasi-static) and single-axis resonant MEMS Mirrors. The portfolio of high-performance MEMS devices is fully supported by electronics and software solutions, enabling customers to optimize their paths to successful commercialization. Mirrorcle products can be found today in 3D and semiconductor metrology systems, biomedical imaging systems, lidars, AR/VR prototypes, laser projectors, free-space optical communication terminals, and classrooms. Mirrorcle's system solutions include the world's most compact vector graphics laser projectors and 3D LiDARs.

Mirrorcle maintains multiple cleanroom laboratories at its Richmond, California headquarters, and year-round, 24-7 access to a wafer-based CMOS and MEMS fabrication facility. Beyond its own facilities, the company has established high-volume manufacturing with leading MEMS wafer foundries and qualified opto-mechanical assembly houses.