

Focuslight is listed as one of "The Top 10 Semiconductor Manufacturing Solutions Providers 2023"

June 8, 2023

Focuslight is listed as one of "The Top 10 Semiconductor Manufacturing Solutions Providers 2023" by Semiconductor Review Magazine, an industryrenowned US media. This award was evaluated by a professional team and ten top companies with outstanding competence were selected for the list. With a strong emphasis on innovation, manufacturing excellence, and fast response, Focuslight distinguished itself as an industry-recognized and trusted photonics application solutions provider.



After receiving this award, Mr. Robert Dai, President of Pan-semiconductor Solutions Business Unit of Focuslight, was interviewed by Semiconductor Review Magazine and shared Focuslight's core competencies, strategic layout, and market plan. As one of the leaders in the field semiconductor manufacturing and application of solutions, Focuslight applies innovative application solutions with its advanced technology and rich experience in global multi-regional manufacturing, successfully meeting customers' challenging business requirements. So far, its wafer-level micro-optics manufacturing processing technology has gained a strong global market presence. Furthermore, Focuslight is committed to investing in technological development and providing comprehensive support to its customers worldwide underpins its goal of continuing to develop innovative products and technologies for IC wafer annealing applications. The full article is as below or click here to view the article source.



Spearheading the Adoption of Photonics to Revolutionize Semiconductor Industry

The plobal semiconductor manufacturing industry is further the plotting the pl

solution provider through innovation, manufacturing excellence, and fast

response. "We have recently extended our mission to encompass the development and manufacture of photonic solutions. We are confident that the three main market segments at the core of our business, namely automotive, pan-semiconductors, as well as medical and health, are avenues for success," says Robert Dai, president of Pan-Semiconductor Solutions Business Unit at president of Pan-Semicon Focuslight Technologies Inc.

Robert Dai, President of Pan-semic Solutions Business Uni

The firm has been actively engaged in the semiconductor industry for several years, offering a comprehensive range of products, including diode lasers and micro-optics. Recognizing the products; including dode lasers and micro-opties. Recognizing the evolving needs of its customers who desared complex solutions; integrating laser sources and optics into a single module. Focusibje leveraged its factomological expertises to defere customized solutions: that added more value. To provide better service that is tailored to meet its customers' needs. Focusibjth has esablished the Pan-Semiconductor Solutione Business Unit.

As a major player in wafer laser annealing field, Focuslight has an at the forefront of this technology for years. Its laser annealing tents have undergone rigorous testing by its customers and are

About Focuslight

now used in high-volume production to generate extremely narrow line laser beam of 70µm beam width with an aspect ratio of 160:1 with continuous energy output up to 1800W/mm2, achieving above 9% beam unitormity and above 98% output power subhity for the wafer annealing process. The implementation of wafer annealing technology has significantly improved the yield of wafers in addition, eucomized solutions are provided by Focushight based on specific material types used, with wavelengths and energy densities indived accordingly. This technology can also be upplied to solur cells, SiC, and other advanced materials to adapt and improve the performance required in various applications.

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Focuslight has established R&D centers in China, Germany Ireland, Russia, and the US to deliver innovative and state-of-the art products to its customers. The company specializes in eutectic bonding, thermal management, thermal stress control of high-power diode lasers, as well as beam shaping such as beam transformation. homog homogenization, line beam shaping, etc and is well-positioned to provide localized services in various parts of the world. The firm intends to utilize its advanced manufacturing capability to lower the costs of laser applications further, making them more accessible to

Focuslight has distinguished itself in the industry by placing a strong strong emphasis on technology innovation, which has resulted in over 420 patents as of March 2023. Its wafer-level micro-optics over 420 patents as of March 2023. Its wafer-level micro-optics numfic-truing processing technology have gained a strong global market presence. The company's commitment to investing in technological development and providing comprehensive support to its customers worldwide underpins its goal of continuing to develop innovative products and technologies for IC wafer annealing applications. ●

Focuslight is a fast-growing company that develops and manufactures high-power diode laser components and materials (photon generation), laser optics (photon control), photonic application modules, assemblies, and sub-systems (photonics application solutions) with a focus on automotive, pansemiconductor, and medical & health application solutions. With our extensive engineering expertise and know-how, Focuslight is dedicated to providing customers with well-matched comprehensive solutions that enable our customers' success in their own businesses. In December 2021, Focuslight announced the IPO on the Shanghai Stock Exchange (Ticker Symbol: 688167). Focuslight - Never Stop Exploring (www.focuslight.com)



