



News Release

BENCHMARK INVESTS IN NEW PHOTONICS PACKAGING AND INTEGRATION CAPABILITIES CRITICAL TO A WIDE RANGE OF OPTICAL APPLICATIONS

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TEMPE, Ariz., March 2, 2022 /PRNewswire/ -- **Benchmark Electronics, Inc.** (NYSE: BHE), a global provider of engineering, design, and manufacturing services, announced it has invested in new optical integration, **photonics** packaging, and photonics test capabilities at its **RF and Photonics Center** of Innovation in Phoenix. The expanded capabilities allow Benchmark to support customers in cutting-edge applications such as high-speed digital communications, high performance computing, sensors, and laser systems. Benchmark's photonics team works alongside industry innovators to develop reliable, repeatable manufacturing processes for their pioneering designs.

"Our investments in state-of-the-industry photonics and optical integration capabilities in the United States allow Benchmark to build a leading market position in photonics, fiber optics, and free-space optics for next-generation computing and communication systems," said Jan Janick, Chief Technology Officer, Benchmark. "The photonics and optical integration capabilities are synergistic to our RF and microwave design and manufacturing capabilities already being delivered to customers through our Center of Innovation in Phoenix."

In addition to photonics engineers and technicians experienced in process development and improvement, the lab offers the latest alignment and fusion splicing technologies. Test and measurement platforms enable both process development and production, including tunable lasers, polarization synthesizers, and optical power meters to measure bit error rate test (BERT), polarization-dependent loss (PDL), and return loss (RL) of passive optical components. These platforms will be used across the design, development, and manufacturing workflow to verify the performance of complex light-based communications systems and conduct comprehensive characterizations of optical components, network elements, and optical fiber networks.

Benchmark currently provides photonics services for several leading-edge defense and high-performance computing customers that are instrumental in shaping the company's photonics technology roadmap. As a result, Benchmark can provide engineering and manufacturing services and test solutions to a diverse range of customers with highly complex photonics and optical technology applications.

Benchmark will be discussing its new photonics capabilities at the Optical Fiber Communication Conference® (OFC) from March 8 to 10, 2022. The company is hosting meeting room #2005 on the show floor. To request a meeting or learn more about Benchmark's test platforms and its overall photonics services, visit www.bench.com/photonics.

About Benchmark Electronics, Inc.

Benchmark provides comprehensive solutions across the entire product lifecycle; leading through its innovative technology and engineering design services; leveraging its optimized global supply chain; and delivering world-class manufacturing services in the following industries: commercial aerospace, defense, advanced computing, next-generation telecommunications, medical, complex industrials, and semiconductor capital equipment. Benchmark's global operations include facilities in seven countries, and its common shares trade on the New York Stock Exchange under the symbol BHE.

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