



Integrated Photonics Newsletter

Gain a Competitive Edge
with PI's Miniature Hexapods



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Opportunities and Challenges Illuminate the Path to Scalable Quantum Computing

Quantum is still in its early days, but the technology has been heating up. During the last five years, companies such as Google, IBM, Honeywell, and Microsoft have developed quantum computers, and some now offer cloud quantum computing services. In 2021, the European Union launched the HPCQS project, which is aiming to integrate two quantum simulators with two existing European Tier 0 supercomputers by the end of 2025. [Read Article](#)



Placing “Test” on the Integrated Photonics Value Chain — With Iñigo Artundo

Iñigo Artundo, CEO of photonic test and design house VLC Photonics, breaks down the function of test as it relates to PICs and integrated photonics. How developers advance chip and wafer architectures through the design stage and toward production cannot happen without adequate testing. But the sophistication of current and future designs does not always align with established test protocols. This episode explores that dynamic and discusses how the gap can be bridged.

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More News

[Optical Receiver Restores Chaotic Signals](#)

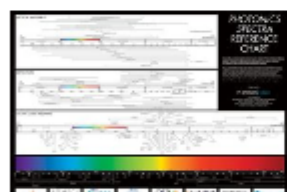
[imec Coordinates EU Chips Design Platform](#)

[SEMI Silicon Photonics Industry Alliance Launches Special Interest Groups](#)

[Ultra-Broadband Chip-size Amplifier Enhances Network Technologies](#)

[Two Switches to Open the Door to a Golden Age of Silicon Photonics](#)

Featured Products & Services



[Photonics Spectra
Reference Chart](#)

Photonics Media

Updated in 2024! This full-color, 29.5 × 20.5-inch poster of the photonics spectrum displays the major commercial laser lines, detectors, and optical materials in the ultraviolet to the far-infrared and beyond. The convenient format makes it easy to quickly find the information you need.

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[Hexapods in Stock](#)

PI (Physik Instrumente)
LP, Motion Control, Air

Bearings, Piezo Mechanics

PI hexapods simplify complex 6-axis motion tasks with advanced algorithms and intuitive software. They support any orientation and offer a wide range of load, precision, and travel specs. Applications include photonics alignment, drone testing, optics/panel alignment, and dynamic machining.

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