



PI's Fast Multichannel Photonics Alignment Engine is a PIC Award 2018 Finalist, Advances in Manufacturing

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PI PRESS RELEASE

Fast Silicon Photonics Alignment Engine is a 2018 Photonics Integrated Circuits Awards Finalist – Polls Open Now

PI's automated high-speed alignment system is a finalist in the Advances in Manufacturing category. Winners will be announced at the PIC conference 10 - 11 April 2018, Brussels, Belgium.

February 2018, Auburn, MA – PI has the multi award-winning solution for critical alignment speed and accuracy to a nanoscale level for projects from planar testing to packaging. Honored to be nominated a second year consecutive year, the FMPA Fast Multichannel Photonics Alignment system is a 2018 PIC Awards finalist, which rewards excellence, innovation, and success in the worldwide PIC industry. Voting is open until March 23rd, with the winners of this prestigious award announced on April 10th at the PIC International Conference in Brussels, Belgium. An R&D Top 100 *Most Significant Products of the Year* winner and Lightwave Innovation Reviews award winner, the FMPA was recently showcased at Photonics West 2018 in San Francisco.

The SiP Solution

The FMPA Fast Multichannel Photonics Alignment Engine is an advanced alignment system based on a highly specialized digital motion controller with embedded advanced alignment and tracking functionality and a hybrid precision scanning and tracking mechanism combining the advantages of piezoelectric on servo-motorized drives. It addresses the market need for fast, parallel, nanoscale-accurate, multi-degree-of-freedom global optical alignment optimization required in key SiP production steps from planar test to packaging.

Vote for PI's SiP Alignment Solution (voting closes March 23)

<http://www.picawards.net/vote>

Standard and Custom Solutions

PI has over 4 decades of experience providing in-house engineered precision motion control solutions, and can quickly modify existing product designs or provide a fully customized OEM part to fit the exact requirements of the customer's application.

About PI

PI is a leading manufacturer of precision motion control equipment, piezo motors, air bearing stages, and hexapod parallel-kinematics for semiconductor applications, photonics, bio-nano-technology and medical engineering. PI has been developing and manufacturing standard & custom precision products with piezoceramic and electromagnetic drives for 4 decades. The company has been ISO 9001 certified since 1994 and provides innovative, high-quality solutions for OEM and research. The PI group employs more than 1,000 people worldwide in 15 subsidiaries and R&D / engineering centers on 3 continents.

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