

Strong support from EDA partners

Ansys

“Integrating Ansys’ simulation solutions into GF’s design flow for custom SiPh chips opens new doors for innovation within the photonics industry,” said John Lee, vice president and general manager of the electronics, semiconductor and optics business unit at Ansys. “This collaboration supplies designers with enhanced tools to leverage photonics simulation for high-performance solutions in optical applications across industries from next-generation connectivity to supercomputing and more.”

Cadence Systems, Inc.

“In an era where massive data needs to be efficiently moved and processed, silicon photonics is mandatory for next-generation electronic systems. Chips designed with photonics offer customers the most powerful path to address high-bandwidth requirements. Through our collaboration with GF, mutual customers can leverage the new GF Fotonix platform and Cadence’s integrated electronic/photonic design solution, which is based on our production-proven Virtuoso custom IC design and Spectre Simulation platforms, to achieve power and performance goals while speeding time to market.”

**- Tom Beckley, senior vice president and general manager,
Custom IC & PCB Group at Cadence**

Synopsys

“As the leading provider of electrical/photonic design and verification solutions, Synopsys is committed to helping the industry accelerate adoption of photonic IC technologies,” said Raja Tabet, senior vice president of the Custom Design and Manufacturing Group at Synopsys. “The process design kit for their new GF Fotonix platform enables mutual customers to leverage Synopsys solutions to shorten turnaround times and improve quality of results when developing next-generation silicon photonics chips.”