

# Wafers to Chips; 300mm CMOS Foundry Compatible Silicon Photonics

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## **Abstract**

AIM Photonics' mission is to advance integrated photonic circuit manufacturing technology development in the United States. We provide access to state-of-the-art integrated photonics fabrication, packaging, and testing facilities and services to industry, academia and the United States government. We develop new and innovative technologies, processes, and materials within the integrated photonics sphere, addressing high-risk/high-reward challenges in photonics integrated circuit manufacturing technology. We strive to create an adaptive integrated photonic circuit workforce capable of meeting the integrated photonics industry's needs. Within this talk we will present the AIM Photonics' latest work on silicon photonic multi-project wafer (MPW) runs, process design kits (PDKs), electronic-photonic design automation (EPDA), research and development.