

Wave Photonics and Enlight Technology Announce a Strategic Partnership

Cambridge, United Kingdom and Hsinchu, Taiwan - 13th March 2025

Wave Photonics, a fast-growing photonic integrated circuit (PIC) technology company located in Cambridge, UK, has formed a strategic partnership with Enlight Technology, a leading provider of EDA solutions from Taiwan, including Siemens EDA.

This collaboration will enable engineers across Taiwan and the wider Asian region to develop cutting-edge photonic integrated circuits. This enhances Wave's partnership with Siemens EDA, which allows for Wave Photonics' process development kits to be easily used directly with Siemens EDA's Custom IC Design.

Wave Photonics CEO, James Lee, said "Our partnership with Enlight Technology, will enable engineers to combine the use of leading EDA tools with Wave Photonics' PIC design capability, as well as accessing our recently-acquired photonics and electronics IP for high-bandwidth datacoms to address the needs of the rapidly-growing silicon photonics industry."

"Enlight Technology and Wave Photonics share a common vision of empowering engineers with powerful and intuitive design tools that drive photonic integrated circuits. This partnership streamlines development, enhances scalability, and accelerates access to advanced solutions, enabling engineers to create high-performance photonic chips that meet the demands of an evolving market," said Cheng Yu Su, General Manager of Enlight Technology.

About Wave Photonics

Wave Photonics, based in Cambridge, UK, develops cutting-edge design technology to drive the advancement and mass adoption of integrated photonics. The company uses a fabrication-aware computational model, to facilitate the rapid development of PIC designs. The company empowers engineers to design their chips for a wide range of wavelengths and many challenging applications including telecom/datacom, space-comm, sensing, quantum, optical computing, and diagnostic and healthcare sensing.

About Enlight Technology

Enlight Technology provides advanced EDA solutions to accelerate innovation in semiconductor and photonic chip design. Its expertise spans IC, PIC, MEMS, PCB layout, DFM, and MES applications, supporting design and manufacturing from IC to system level. The company enables engineers to optimize designs, streamline workflows, and push the boundaries of next-generation technology through high-performance tools and technical services.

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英國劍橋 Wave Photonics 宣布與恩萊特科技策略合作，推動矽光子晶片設計創新

總部位於英國劍橋的光子積體電路 (PIC) 技術公司 Wave Photonics 宣布與台灣領先的 EDA 解決方案供應商恩萊特科技建立策略合作夥伴關係。恩萊特科技同時是 Siemens EDA 的解決方案供應商，透過此次合作，進一步強化了 Wave Photonics 與 Siemens EDA 的整合，Wave Photonics 的製程開發套件 (PDK) 能無縫整合至 Siemens EDA Custom IC Design 平台，進一步強化設計自動化與生產效能。

這項合作結合了 Wave Photonics 在 PIC 設計上的技術領先優勢與恩萊特科技在 EDA 解決方案上的深厚專業，將加速矽光子晶片的開發，優化製造流程，並有效降低台灣及亞太地區半導體與光子技術公司的研發成本。

Wave Photonics 執行長 James Lee 表示：「我們與恩萊特科技的合作，將使工程技術人員能夠將領先的 EDA 工具與 Wave Photonics 的光子積體電路設計能力結合，同時還能夠運用我們最新的高頻寬數據通訊光子和電子矽智財 (IP)，以滿足矽光子技術快速增長的市場需求。」

恩萊特科技總經理蘇正宇表示：「恩萊特科技與 Wave Photonics 擁有共同的願景，皆致力於以強大且直覺的設計工具，推動光子積體電路的發展。此策略合作簡化了開發流程、提升了延展性，並加速解決方案的應用，幫助工程師能夠設計出符合市場需求的高效能光子晶片。」

關於 Wave Photonics

Wave Photonics 專注於開發前瞻性的設計技術，以推動矽光子積體電路的商業化與普及。公司運用製程感知的計算模型，加速 PIC 設計週期，並廣泛應用於電信/數據通信、太空通訊、感測、量子計算、光學運算，以及醫療診斷等領域，致力於為新一代科技產品提供突破性的光子解決方案。

關於恩萊特科技

恩萊特科技提供專業的 EDA 解決方案，涵蓋 IC、PIC、MEMS、PCB 佈局、DFM 與 MES 等應用，支援從 IC 層級到系統層級的設計與製造。公司憑藉豐富的產業經驗與技術專業，協助工程師最佳化設計、提升工作效率，並推動矽光子技術的創新與應用，助力客戶在競爭激烈的市場中脫穎而出。