

# **Malta Joins Silicon Photonics Technology 40G**





## Overview

---

Under the new agreement, Silicon Labs' future wireless system-on-chips (SoCs) will be produced at GF's advanced fabrication facility in Malta, New York, using the foundry's new 40nm Ultra Low Power (40ULP-ESF3) platform. SCALE CPO solution is the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology MALTA, N. , May 4, 2026 - GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction [. Department of Commerce has increased subsidies for advanced packaging technologies. GlobalFoundries of Malta, NY, (GF, the only US-based pure-play foundry with a global manufacturing footprint including facilities in the USA, Europe and Singapore) plans to invest another \$3bn in its expansion of semiconductor manufacturing and advanced packaging capabilities across its facilities. Minister for the Economy, Enterprise and Strategic Projects, Silvio Schembri, today attended the Competitiveness Council in Brussels, where he underlined Malta's strong commitment to enhancing Europe's competitiveness, technological leadership, and digital transition.



## Malta Joins Silicon Photonics Technology 40G

---

### Silicon Austria Labs joins EUR400M PIXEurope initiative to

---

These materials will be integrated onto silicon and silicon nitride PIC platforms, enabling ultra-fast modulation, low-power photonic signal processing,

### PRESS RELEASE BY THE MINISTRY FOR THE ECONOMY,

---

In the morning, Minister Schembri joined Ministers from the 27 EU Member States in an event that formally endorsed the Semicon Declaration, which calls for a revised EU Chips Act to



## **GlobalFoundries Announces New York Advanced**

---

To meet this growing demand, GF's New York Advanced Packaging and Photonics Center is expected to offer: Advanced packaging, assembly and

## **Can Malta's Chip Initiative Stimulate Another Silicon**

---

Malta is putting \$8.5 million into setting up a semiconductor competence center. Can this help create a new chip industry cluster in the

## **GlobalFoundries to build new chip packaging center**

---

GlobalFoundries in Malta will create a new center for semiconductor manufacturing, Governor Kathy Hochul announced on Friday. The facility, called the New York Advanced



Packaging

## **GlobalFoundries Announces New Advanced Packaging and Photonics**

---

GlobalFoundries plans a new advanced packaging center in New York for U.S.-made semiconductor chips, supported by state and federal funding.

## **SMTS Silicon Photonics Product Engineer**

---

GlobalFoundries is hiring for a SMTS Silicon Photonics Product Engineer in Malta, NY, USA. Find more details about the job and how to apply at Built In.



## **GlobalFoundries invests \$575 million to expand New**

---

January 22, 2025 / SemiMedia / -- GlobalFoundries (GF) announced plans to invest \$575 million in its wafer fabrication facility in Malta, New York, to build an

## **GlobalFoundries hiring Si Photonics Technology Development**

---

GlobalFoundries Fab 8 is seeking new college graduate professionals to support the 300mm semiconductor technology development integration team. The core responsibilities of this team

## **GF and Silicon Labs expand US chip manufacturing**

---

GlobalFoundries and Silicon Labs are expanding their strategic partnership to advance the development of next-generation, energy-efficient



## **GlobalFoundries to expand New York fab -- announces**

---

GlobalFoundries announced that it will build an advanced packaging and testing facility at its Malta, New York fab to support the growing demand for

## **How silicon photonics technology can address the**

---

What technology evolutions are needed in the coming years to enable cloud datacenter applications? Joris Van Campenhout: "Over the past decade,

## **Silicon Photonics Process Integration Intern**

---



Internshipsupporting300mmsemiconductorstechnologydevelopmentintegrationwitha focus on Silicon Photonic devices at GlobalFoundries Fab 8. Your Role Here's what you will be

## **US-based GlobalFoundries investing extra \$3bn for R& D on silicon**

---

Expansion of GF's existing fabrication plant in Malta, NY, by adding critical technologies already in production at GF's Singapore and Germany facilities, to enable a secure and reliable

## **GF Press Releases , GlobalFoundries**

---

SCALE CPO solution is the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology MALTA, N.Y., May 4, 2026 - GlobalFoundries (Nasdaq: GFS)



## **Silicon Photonics Market Size, Share & Trends Report,**

---

The global silicon photonics market size was estimated at USD 1.29 billion in 2022 and is projected to reach USD 8.13 billion by 2030, growing at a CAGR of 25.8%

## **Global Foundries to Build Chip Packaging and Photonics Center**

---

GlobalFoundries announced that it will invest \$575 million to build an advanced chip packaging and test center at the Fab 8 campus in Malta, New York, and an additional \$186 million

## **Si Photonics**

---



GlobalFoundries is hiring for a Si Photonics- Technology Development & Integration in Malta, NY, USA. Find more details about the job and how to apply at Built In.

## **GlobalFoundries, Silicon Labs to Build 40nm Wireless SoCs**

---

MALTA, NY and AUSTIN, TX, Nov 3, 2025 - GlobalFoundries and Silicon Labs are expanding their partnership to boost the development of wireless technologies and strengthen U.S.

## **Silicon Photonics Integration Engineer**

---

Explore exciting Silicon Photonics Integration Engineer - MTS job in Malta at GlobalFoundries. Join a dynamic team and advance your career in engineering. Apply now!



## Major Foundries Invest USD 575 million in

---

On January 17, GlobalFoundries announced plans to build an advanced packaging and photonics center at its Malta, New York wafer facility.

## Exploring 400 Gbps/? and beyond with AI-accelerated silicon photonic

---

By utilizing an AI-accelerated silicon photonic slow-light technology, researchers demonstrate a record 400 Gbps/? PAM-4 transmission based on pure silicon modulators, paving the

## GlobalFoundries, Silicon Labs to Build 40nm Wireless SoCs

---



Image: Silicon Labs MALTA, NY and AUSTIN, TX, Nov 3, 2025 - GlobalFoundries and Silicon Labs are expanding their partnership to boost the development of wireless technologies and

## **GlobalFoundries and Silicon Labs Expand Partnership**

---

Under the new agreement, Silicon Labs' future wireless system-on-chips (SoCs) will be produced at GF's advanced fabrication facility in Malta, New York, using the foundry's new 40nm

## **GlobalFoundries invests \$3B in photonics, packaging, GaN R& D**

---

Advanced R& D projects centred on packaging innovation, silicon photonics, and next-generation GaN technologies are included in the extra \$3 billion. Accelerating innovation in AI,



## **GlobalFoundries Announces New York Advanced Packaging and Photonics**

---

Silicon photonics chips are also positioned to address power and performance needs in automotive, communications, radar, and other critical infrastructure applications.

## **GlobalFoundries and Silicon Labs Expand Partnership to Accelerate**

---

MALTA, N.Y. and AUSTIN, T.X., October 30, 2025 -- GlobalFoundries (NASDAQ: GFS) (GF), one of the world's leading semiconductor manufacturers, and Silicon Labs (NASDAQ: SLAB),



# Roadmapping the next generation of silicon photonics

---

What will the next generation of silicon photonics look like? What are the common threads in the integration and fabrication bottlenecks that silicon

## Silicon Photonics Technology Development & Integration Engineer

---

GlobalFoundries is hiring for a Silicon Photonics Technology Development & Integration Engineer (2025 PhD New College Graduate) in Malta, NY, USA. Find more details about the job and how to apply at

### Contact Us

---

For datasheets, pricing, or custom optical networking solutions, please visit:  
<https://www.entrenamientointeligente.es>