

WE ARE HIRING

Technical Program Manager

San Jose, California, USA • Eindhoven, The Netherlands

Own the execution plan that keeps engineering, suppliers and purchasing on schedule.

Photon Bridge is developing a fundamentally new external laser architecture for AI datacenters. Our technology addresses one of the largest manufacturing bottlenecks in silicon photonics by enabling scalable, passive assembly of multi-wavelength laser engines.

We are moving from breakthrough technology to industrial reality, and we are looking for a hands-on **Technical Program Manager** who can keep complex product and industrialization programs moving across internal teams, suppliers and manufacturing partners.

Your mission

You will own the integrated program plan across engineering, suppliers, purchasing and manufacturing partners, and make sure the critical path remains visible and actively managed.

When issues arise, you identify the impact early, bring the right people together, and drive actions to closure before they affect product or customer timelines.

This is an execution role, not a reporting-only project management role.

What success looks like

- A credible master schedule with clear ownership, dependencies and critical-path visibility
- Suppliers and internal teams consistently delivering against agreed milestones
- Technical and supply issues identified early and resolved before they become schedule delays
- Program-critical purchasing and long-lead items placed and tracked in time to protect delivery

What you will own

Program execution

- Own and continuously maintain the master development and industrialization schedule
- Track milestones, dependencies, risks and the critical path across internal teams and external partners
- Follow up actively on commitments, actions and deadlines and drive them through to closure
- Escalate quickly when product, qualification or customer timelines are at risk

Issue resolution

- Identify schedule risks and technical blockers early and understand their downstream impact
- Bring together the right engineering, operations, supplier and management teams to resolve issues quickly
- Drive clear owners, decisions and recovery actions until the problem is closed
- Keep management informed on material risks, trade-offs and decisions required

Suppliers and purchasing

- Coordinate execution across foundries, packaging partners, test houses and component suppliers
- Track wafer runs, packaging builds, test campaigns, qualification activities and supplier deliveries
- Coordinate purchasing for prototypes, wafer runs, packaging, test and other program-critical activities
- Make sure purchase orders are placed on time and long-lead items are identified early
- Track supplier lead times, order status and delivery commitments; push recovery plans when timing is at risk

What you bring

Essential experience

- 5–10+ years of relevant industry experience in technical program, project or operations roles
- Experience in semiconductors, photonics, electronics, advanced packaging or another complex hardware environment
- Strong experience coordinating suppliers, engineering teams and manufacturing schedules
- Enough technical understanding to recognize dependencies, understand impact and assemble the right specialists
- Strong execution discipline, attention to detail and comfort working with purchasing and supplier commitments

How you work

- A startup operator: hands-on, proactive and comfortable doing what is needed to keep the program moving
- Highly detail-oriented while still seeing the overall program and critical path
- Structured enough to create clarity, but pragmatic enough to avoid unnecessary bureaucracy
- Persistent in follow-up and comfortable pushing suppliers and senior technical teams when commitments slip
- Comfortable making decisions with incomplete information and changing priorities
- Direct, collaborative and relentlessly focused on execution and timelines

Reporting line: This role reports directly to the COO.

Why Photon Bridge?

- Help bring a new photonics architecture from breakthrough technology into industrial-scale production
- Work at the intersection of semiconductors, photonics, packaging and AI infrastructure
- Coordinate directly with leading foundries, suppliers and manufacturing partners
- Have visible impact on how quickly Photon Bridge turns technology into customer-ready products

How to apply

Please submit your resume and a cover letter outlining your relevant experience and interest to jobs@photonbridge.com

Photon Bridge is committed to diversity and encourages applications from all qualified candidates from all backgrounds to apply.

Photon Bridge only works with pre-qualified recruitment agencies.