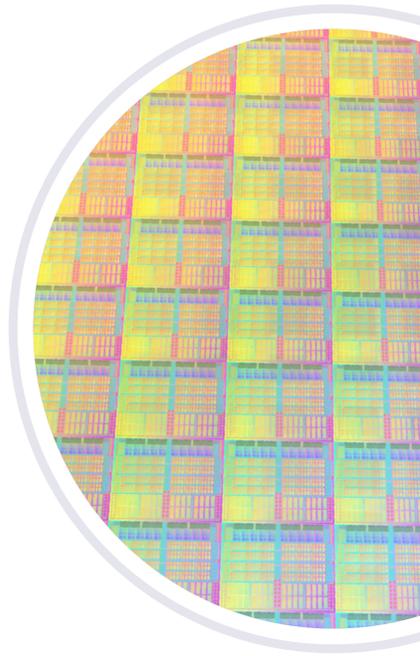


Silicon Photonics MPW Services



Your Ideal Silicon Photonics Foundry Partner

2025
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11 Science Park Road
Singapore Science Park II
117685 Singapore

Advanced Micro Foundry is a leading commercial pure-play Silicon Photonics specialty foundry based in Singapore. With over 20-years of experience in Silicon Photonics Technology, AMF's comprehensive MPW services are widely utilized by designers, as the ideal platform to validate their designs.

Technology Platforms

General Purpose (GP) Platforms

- Silicon-on-Insulator (SOI)
- PECVD Silicon Nitride-on-SOI

High Performance (HP) Platform

NEW

- **LPCVD Silicon Nitride-on-SOI** * (Low Loss Technology)

- Active and passive options
- Integrated Germanium epitaxy for Photodetectors
- Silicon and Silicon Nitride waveguides
- Heaters and oxide window
- *OE Testing Services*

Process

PDK

Full suite of Active and Passive Devices

- Waveguides, Edge/Grating Couplers
- Polarization Rotators/Splitters
- High speed Photodetectors
- High bandwidth Modulators, and many more...

- Cadence
- Lucedra
- Synopsys
- GDSFactory
- KLayout
- Ansys-Lumerical

EDA Support

**Special introductory price for 2025. Contact us to find out more.*

2025 MPW SCHEDULE

| Shuttle Run | Run 1 | Run 2 | Run 3 | Run 4 | Run 5 | Run 6 |
|---------------------------------------|-------|-------|-------|-------|-------|-------|
| Final Clean DRC Due Date [#] | 1 Jan | 1 Mar | 1 May | 1 Jul | 1 Sep | 1 Nov |
| SOI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PECVDSiN-on-SOI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| LPCVDSiN-on-SOI | | | | | ✓ | ✓ |

[#]Please submit GDS by 15th of the previous month to secure a slot on the shuttle.

**Are you interested in accelerating your Time-to-Market?
Get in touch!**

 contact@advmf.com

 www.advmf.com