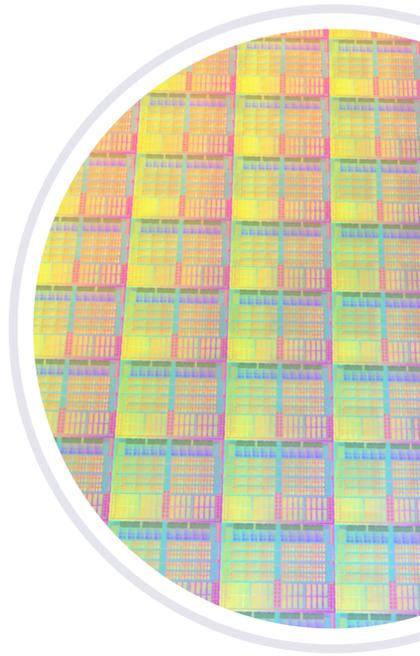




# Silicon Photonics MPW Services



Your Ideal Silicon Photonics Foundry Partner

**2026**



11 Science Park Road  
Singapore Science Park II  
117685 Singapore

Advanced Micro Foundry, now a part of GlobalFoundries 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
- KLayout
- Luceda
- Ansys-Lumerical
- Synopsys
- GDSFactory

### EDA Support

## 2026 MPW SCHEDULE

Shuttle Run	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6
Final Clean DRC Due Date <sup>#</sup>	1 Feb	1 Mar	1 May	1 Jul	1 Sep	1 Nov
SOI	✓	✓	✓	✓	✓	✓
PECVDSiN-on-SOI	✓	✓	✓	✓	✓	✓
LPCVDSiN-on-SOI	✓	✓	✓	✓	✓	✓

<sup>#</sup>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](mailto:contact@advmf.com)

 [www.advmf.com](http://www.advmf.com)