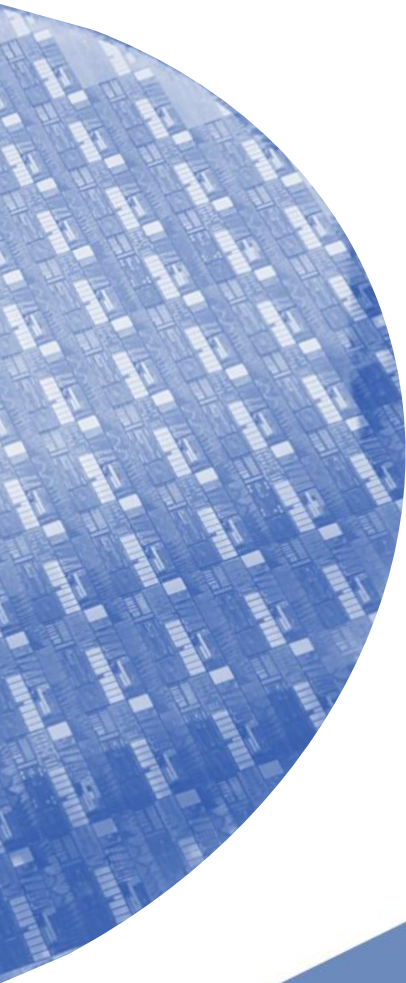


Silicon Photonics MPW Services

Turn your Ideas into Prototypes



Advanced Micro Foundry is a leading commercial pure-play Silicon Photonics specialty foundry based in Singapore. With over 20-year track record in Silicon Photonics research, AMF's comprehensive MPW services are widely utilized by Silicon Photonics designers, and the ideal platform to validate your designs.



Platforms	Silicon-on-Insulator (SOI)
	Silicon Nitride-on-SOI
Process	193 & 248 lithography
	Deep silicon trench for edge coupling
	Implantations for high speed modulators
	Germanium epitaxy for photodetectors
	TiN heater and 2 Al metal layers
Oxide cladding open for exposed waveguides in sensing application	
Building Blocks	Waveguides, edge/grating couplers
	Crossing
	Polarization rotator/splitter
	High speed photodetector
PDK Software	High speed modulator, etc.
	Cadence
	KLayout
	Luceda
	Lumerical
Synopsys (PhoeniX OptoDesigner & RSoft OptSim)	

MPW Schedule

MPW runs starting every month (Active and Passive)	Final GDS Submission Due Date*
	1st day of the month

* Please submit GDS early for design rule check. Any DRC violation must be waived by this date
Please contact us for ad hoc shuttle run requests

Contact Information

Tel: +65 6909 0955

Email: sales@advmf.com

