

Optoelectronics Wafer Foundry Services



GCS offers world class wafer foundry service for customized optoelectronic devices such as custom PD, custom PD arrays, APD, Laser, VCSEL, LED, RCLED, modulator, SOA, Photonic Integrated Laser/PD...etc., both for product development engineering and subsequent volume production. Our strong engineering team can help you to identify the right materials and the best approach for optoelectronic device processing. GCS can tailor its wafer foundry services to fit your specific needs for production, second sourcing or prototype development.

Examples of Manufactured Devices:

- Photonic Integrated PD/Laser
- Photodetectors:
 - GaAs & InGaAs PIN PDs
 - 2D Detector Arrays (FPA)
 - QWIP Arrays up to 1024 x 1024
- Optical Modulators
- Optical Ridge Waveguides, SOA
- Semiconductor Lasers
- LED Arrays (LPH, etc.)
- VCSELs & RCLEDs, GaN LED

