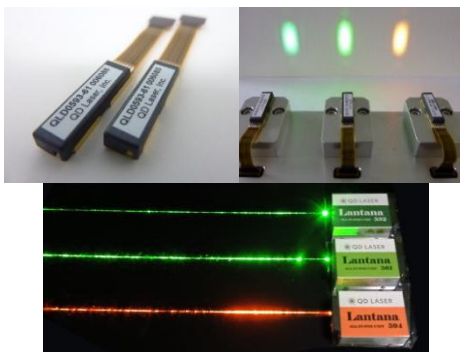




QD Laser, Inc. offers high-performance semiconductor lasers and high-quality quantum dot/quantum well wafers on GaAs platform for datacom and industrial applications.

532, 561, 594 nm Compact visible lasers / Lantana™ (All-in-one unit)



Features

- Highly stable single frequency laser
- Compact package with low power consumption of 1.5 W
- Plug and play with picosecond pulsed laser driver or by Lantana™

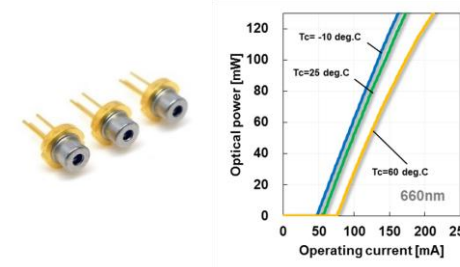
Applications: Biomedical equipment

- Flow cytometer, cell sorter, laser microscopy, Raman spectroscopy

Specifications

- 532, 561, 594 nm *488, 552, 588 nm under development/5-50 mW
- CW/pulsed/50 ps gain-switched operation

640-905 nm High power Fabry-Perot lasers



Features

- Highly reliable, high-quality CW/ high power nanosecond pulsed laser

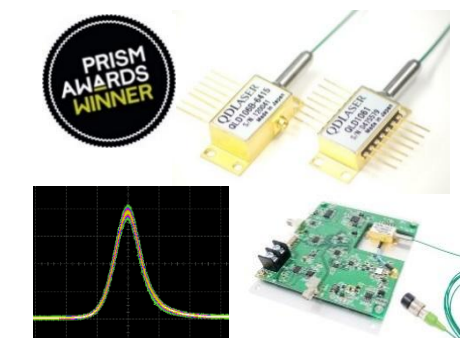
Applications: Industrial applications

- Particle counter, leveler, machine vision, LiDAR, biomedical equipment

Specifications

- 640, 660, 685, 785, 830, 850, 905 nm
- 30-210 mW

1018-1122, 1140-1188 nm DFB lasers



Features

- Wide range of wavelengths and various pulse widths
- Highly stable pulse waveform
- Plug and play operation with optional driver board

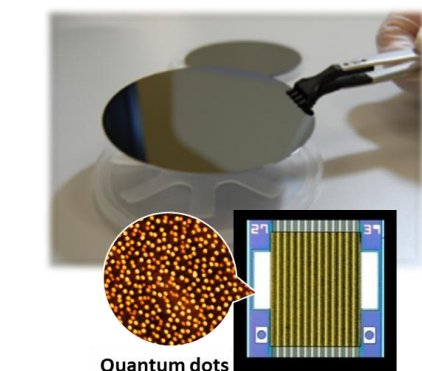
Applications: Seeder for fiber laser

- Micromachining, LiDAR, inspection equipment

Specifications

- Wavelength: 1018-1122 nm, 1140-1188 nm (1 nm step)
- Pulse width: 15 ps, 20 ps, 50 ps, 1 ns-20 ns/400 mW

1200-1330 nm Quantum dot lasers, Epitaxial wafer / Foundry service



Features

- High-temperature operation up to 200°C for densely integrated optoelectronics
- High optical feedback tolerance for removing isolator

Applications: Silicon photonics

- Optical communications, High performance computer, LiDAR

Specifications

- 1200-1330 nm FP/DFB Chip, COC
- Customized wide-band gain chip
- Full-service foundry of customized epitaxial wafer and wafer process

	Bio-medical equipment	Sensor	LiDAR	Seeder for fiber laser	Silicon photonics
Compact visible laser Lantana™ (532,561,594 nm)	●				
High power Fabry-Perot laser (640-905 nm)	●	●	●		
DFB laser (1018-1122 nm, 1140-1188 nm)			●	●	
Quantum dot laser (1200-1330 nm)		●	●		●

