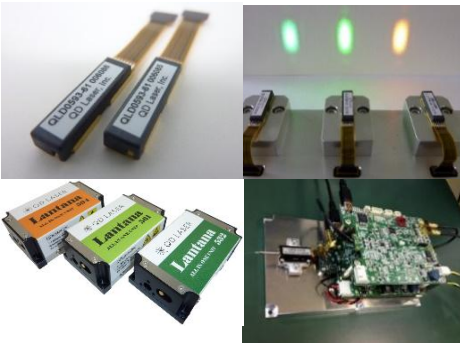




QD Laser, Inc. offers high-performance semiconductor lasers and high-quality quantum dot/quantum well wafers on GaAs platform for datacom and industrial applications

## 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 1.5W
- Plug and play with picosecond pulsed laser driver or by Lantana™

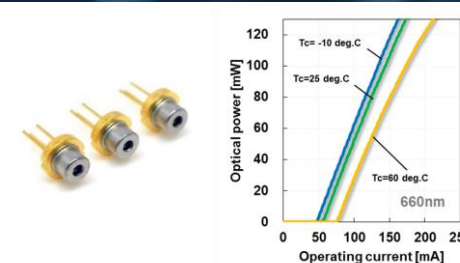
**Applications:** Biomedical equipment

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

### Specifications

- 532,561,594nm \*488,552,588nm under development/5,20,30,50mW
- CW/pulsed/50ps gain-switched operation

## 640-905 nm High power Fabry-Perot lasers



### Features

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

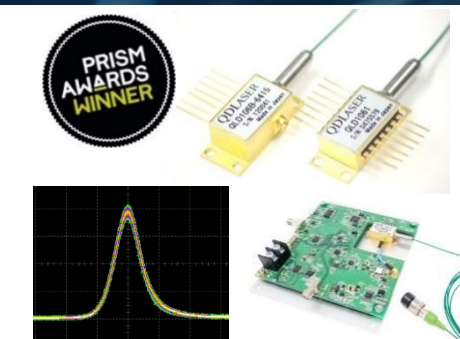
**Applications:** Industrial applications

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

### Specifications

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

## 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

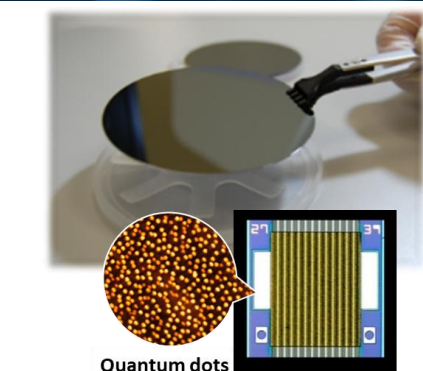
**Applications:** Seeder for fiber laser

- Micromachining, LiDAR, inspection equipment

### Specifications

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

## 1240-1330 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

- 1240-1330nm FP/DFB Chip, TO-CAN
- Customized wide-band gain chip
- Full-service foundry of customized epitaxial wafer and wafer process

## Multi-color compact laser light source



### Features

- Palm-sized housing with up to 4 wavelengths of lasers

**Applications:** Biomedical equipment

- Flow Cytometer, ophthalmic medical device / SLO

	Bio-medical equipment	Sensor	LiDAR	Seeder for fiber laser	Silicon photonics
Compact visible laser Lantana™ (532,561,594 nm)	<div></div>				
High power Fabry-Perot laser (640-905 nm)	<div></div>	<div></div>	<div></div>		
DFB laser (1018-1122 nm, 1140-1188 nm )			<div></div>	<div></div>	
Quantum dot laser (1240-1330 nm)		<div></div>	<div></div>		<div></div>
Multi-color compact laser light source (405-905 nm)	<div></div>				

