



# WAVELENGTH ELECTRONICS

www.teamwavelength.com

High Precision Controllers  
for Thermoelectrics, QC  
& Diode Lasers

## CAPABILITY STATEMENT

Wavelength Electronics partners with high-tech researchers and developers to release innovative laser systems. With 30+ years of experience, we simplify low noise, stable QCL, laser diode, and thermal control, offering advanced, compact modules with instrument-level performance, engineering expertise, and responsive tech support.

In addition to precision laser controllers, we also offer high reliability Contract Manufacturing services for Electronic Assembly Manufacturing.

## CORE COMPETENCIES

- Wavelength solves complex electronics problems in photonics systems.
- Commercial off-the-shelf (COTS) Laser Diode and QCL drivers, Thermoelectric Temperature Controllers.
- Custom engineering and electronics manufacturing services.
- OEM components through touch screen instruments
- Support for research, development, and full production efforts for laser systems in markets such as:
  - Materials Processing
  - Aerospace/Military
  - Semiconductor
  - Spectroscopy
  - Biomedical
  - Environmental
  - Remote Sensing
  - Communications
  - Industrial Control



## PAST PERFORMANCE

**Opto-Electronic Qualification:** NASA Goddard

*More Info:* <https://www.teamwavelength.com/support/applications/>

**Trace Atmospheric Gas Sensing with QCLs:**

Aerodyne Research, Inc.,

*More Info:* <https://www.teamwavelength.com/download/applicationtechnotes/cs-ld01.pdf>

**Spectroscopic Analysis:** Bridger Photonics

*More Info:* <https://www.teamwavelength.com/download/applicationtechnotes/cs-ldtc08.pdf>

## COMPANY SNAPSHOT

Gov. Business POC: Mary Johnson

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Bozeman, MT 59715

Work Area: Global

## NAICS CODES

**334418** – Printed Circuit Assembly (Electronic Assembly) Manufacturing

**334516** – Analytical Laboratory Instrument Manufacturing

Certified WOSB

UEI code: MYPTSFEM9RK1

CAGE code: 026S5

Accepts Credit Cards



## DIFFERENTIATORS

- Unique low noise, high stability laser diode control solutions
- Direct Technical Support with experienced Applications Engineers
- Our collaborative approach minimizes project development risk and speeds up time to market
- You'll work with the same person from prototype through production
- High reliability US manufacturing
- COTS products are available with product variations for optimizing cost of goods
- Custom engineering design and manufacturing services



Mary Johnson, CEO

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