

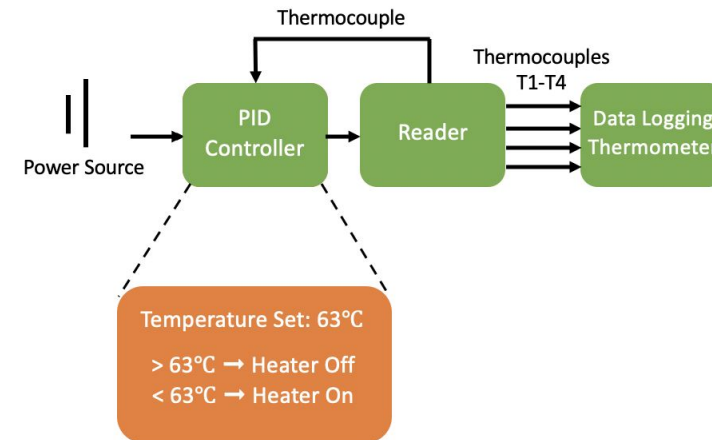
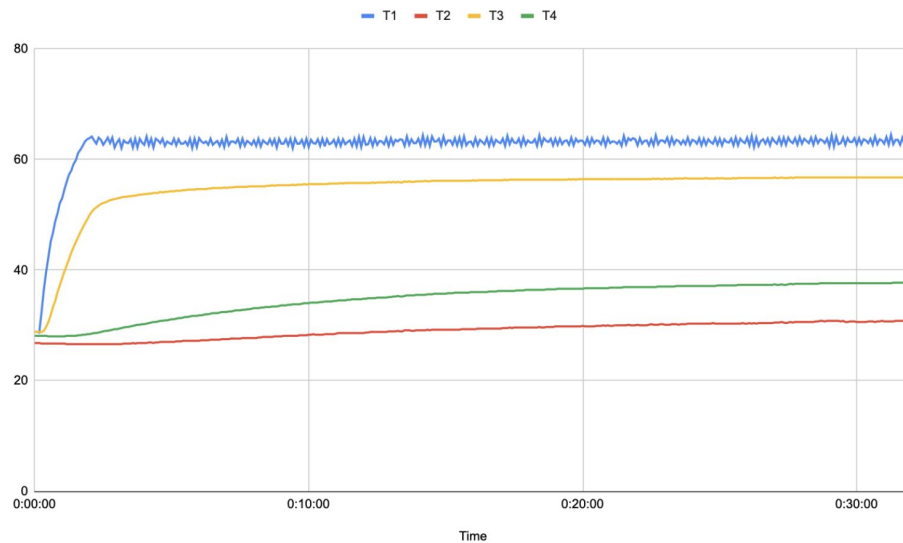
Thermal Characterization for COVID-19 Point of Care Testing Device

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- ❑ DNA amplification is temperature dependent
- ❑ Challenge: Minimize temperature read and set errors
- ❑ Thermocouple tolerance, experimental thermal design, PID controller tuning
- ❑ Next steps: Continue optimization of thermal readings and reader's thermal design



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