Integrated Control Electronics

This is a resource page for using the ICE suite of electronics from Vescent Photonics

- **General Documents**
  - High-Level Overview
  - Enclosure Specifications
  - Event System Guide
  - PCB Mechanical Specifications
  - OEM Integration Guide
- **Module Specifications**
  - ICE-MC1 - Master Board
  - ICE-QT1 - Quad Temperature Controller
  - ICE-CS1 - Current Controller & Peak Lock Servo
  - ICE-CP1 - Current Controller & Offset Phase Lock Servo
  - ICE-SC1 - Servo Controller
  - ICE-OPL1 - Offset Phase Lock Servo
- **Full Command List**
  - Overview of Commands and Basic Usage
  - ICE-MC1 - Master Board
  - Common Commands to all Slave Boards
  - Common Laser Current Controller Commands
  - ICE-QT1 - Quad Temperature Controller
  - ICE-CS1 - Current Controller & Peak Lock Servo
  - ICE-CP1 - Current Controller & Offset Phase Lock Servo
  - ICE-SC1 - Servo Controller
  - ICE-PB1 - Power Breakout
  - ICE-OPL1 - Offset Phase Lock Servo
- **Software**
  - Python-based GUI for controlling ICE (hosted on GitHub)
  - Example GUI Software (Windows x64 only and obsolete)

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