

FORMULA SAE

Engine Control Unit III

Project 09222

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Project Overview

Demand

- ❑ RIT Formula Team (Dr. Nye) – 17th Year
- ❑ Currently running a MoTeC ECU
- ❑ Scores improvements based on: student-engineered parts, cost

Project Status:

- ❑ Third Phase of Project in Senior Design
 - ❑ Redesign of PCB layout
 - ❑ Lab Testing
 - ❑ Field Testing
 - ❑ End Goal: Working product for the Formula Team
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Customer Needs

Functionality

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- Reliability
 - Vibration/Heat Tolerance
 - Cost of Manufacturing
 - Performance
 - Waterproof

Ergonomics

- Accessibility on Vehicle
- Portability

Esthetics

- Coordination with car design

Work Breakdown

