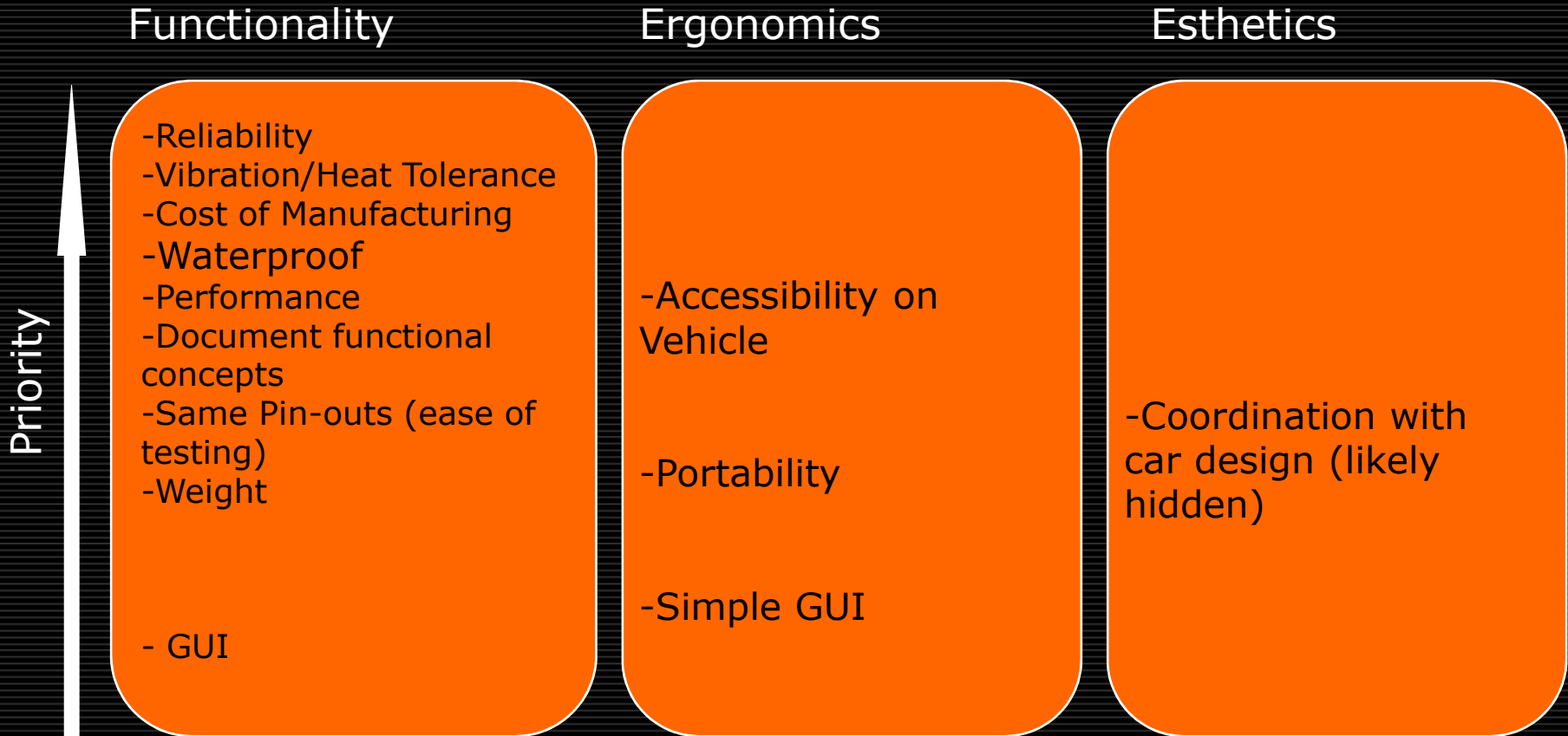


# P09222 – Formula ECU

## Customer Needs

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# Specifications/Benchmarking

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## □ PCB board and case

- Weight - Current = 1.15 lbs  
Old = 1.43 lbs  
Goal = 1.15 +/- .3 lbs
- Size - Current ~ 8"l x 6"w x 2"d  
Goal = Max width/length ~ 10"  
Max Depth ~ 3"

## □ Inputs, Outputs, Memory

- $\geq$  MoTeC
-

# Specifications/Benchmarking

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- Endurance – Continuous Use > 25min.
    - 99+% Confidence Level
  - Heat Tolerance
    - Relays reduce additional heat with the exception of fuel injectors
    - Monitor through testing
  - Vibration Tolerance
    - Monitor through testing
  - Manufacturing Cost
    - \$300 +/- 100
-

# Work Breakdown

