*EE-TD-004-01*

*Design Description Document*

Project Title

{Part Number + Revision}

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# Project Description

Briefly describe the project in a paragraph or two here.

## Purpose/Specs/Design Goals

### Requirement 1

### Requirement 2…

# Block Diagram

Insert the hardware/software/system block diagram here.

# Requirement, FEATURE, Schematic Sheet

Brief description of design goal

## Description of how design works

### Calculations

### Simulations

### Confidence based on breadboard/eval board/datasheet

### Truth tables

### Code snippet, unit testing

### Etc.

# Next Requirement, FEATURE, Schematic Sheet

Continue describing features, functionality, and design theory until the design is well documented

## Description of how design works

### Calculations

### Simulations

### Confidence based on breadboard/eval board/datasheet

### Truth tables

### Code snippet, unit testing

### Etc.

# REvision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Description** | **Author** | **Date** |
| 01 | Initial Release | J. Petrilli | 10/30/2022 |
|  |  |  |  |