Intel Leap Ahead Logo

E3VB

**Engineering Engagement Electrical Validation Board**

**Project Proposal**

Revision 1.1

January 2015

Owners: Kris Gibbs, Brandon Towell, Luis Santiago, Travis Berger

Table of Contents

1 About this Document 3

1.1 Introduction, Purpose and Scope 3

1.2 Document Revisions 3

1.3 Abbreviations, Acronyms and Terminology 3

1.4 Reference Documents 4

2 Project Proposal 5

2.1 Improve Project Documentation 5

2.2 Develop a User Friendly Website 5

2.3 Develop a Propaganda Video to Promote the Board 5

2.4 Develop New Board Experiments 5

2.5 Develop Computer Simulation Experiments 5

2.6 Improve the board design 5

# About this Document

## Introduction, Purpose and Scope

This document covers the project proposal.

## Document Revisions

|  |  |  |  |
| --- | --- | --- | --- |
| **Rev.** | **Date** | **Owner** | **Details** |
| **1.0** | 1/13/15 | Kris Gibbs | Initial doc with initial outline of project |
| **1.1** | 1/17/15 | Kris Gibbs | Added more detail to the documentation and added a new section for board improvements |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table 1 – Document Revisions

## Abbreviations, Acronyms and Terminology

|  |  |  |
| --- | --- | --- |
| **Term** | **Acronym** | **Description** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Table 2 - Abbreviations, Acronyms and Terminology

## Reference Documents

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Document Name** | **Doc Ver.** | **Relevance** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table 2 – Reference Documents

# Project Proposal

This section defines the projects key work items

## Improve Project Documentation

* Give all Documents the same look and feel.
* Create a lab manual for the student and a separate lab manual for the Lab instructor with expected results and more detailed directions

## Develop a User Friendly Website

* Post all experiment documentation to the website in a printer friendly format.
* Develop an interactive section of the website
* Open source

## Develop a Propaganda Video to Promote the Board

## Develop New Board Experiments

* Reflection
* Termination
* Timing Margins

## Develop Computer Simulation Experiments

## Improve the board design

* Add more labels to the board so test points are more apparent