

Project Report Requirements

Basic Structure:

1. Abstract.
2. Introduction.
3. Specifications.
4. Device design (description).
 - a. Symbol.
 - b. Block diagram.
 - c. Process diagram.
 - d. Timing diagram.
5. Results.
6. Conclusion.
7. Appendix (code).

General Style:

1. Headings for the various sections.
2. Number and title for figures.
3. Number and title for tables.
4. Figures and tables are referenced in the text.

Section - Abstract

Objective (What)

Approach (How)

Results (What Happened)

Section Specifics – Introduction

Motivation (Why)

Objective (What, more detail)

Theory (Underlying principles of what)

Section Specifics – Device design/description

Symbol.

Block diagram (complete).

Process diagram.

State diagrams.

Timing diagrams.

All of the above must be accompanied by text descriptions of what was done.

Section Specifics – Results

Chipscope diagrams.

Comments in diagrams.

Analysis of diagrams, derivation of timing parameters.

Discussion.

Section Specifics – Appendix

Correspondence between symbol and entity declaration.

Comments in the code – ports, signals, component declarations and instantiations, processes.