

ECE 111: Advanced Digital Design Project  
Prof. Yatish Turakhia

## Final Project Report

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# 1 Simplified SHA-256

## 1.1 Introduction

## 1.2 Algorithm

## 1.3 Simulation Results

## 2 Bitcoin Hashing

### 2.1 Introduction

### 2.2 Algorithm

### 2.3 Resource Usage

### 2.4 Simulation Results