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Linear Power-supply Design

Electronic-Design 344

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# Declaration of Own Work

This is my own work. I hereby sign that I have not plagiarised.

………………..…………………

Date:

# Abstract

# List of Abbreviations

# Introduction

# System Design

This will include the design, analysis, measurements and comparations of theory and results.

## Transformers

## Rectifiers & Capacitor Banks

## Zener Constant-Voltage Reference

## Pass Output Stage

## Voltage Regulator

## Current limiter

## Arduino Interface

### Inputs (PWM RC filters)

### Outputs

# Circuit Integration (Analogue)

## Final System Measurements

## Interpretation of Results

# Software Design

## Purpose & Requirement