

65-75

Your Name: Jack Rogers

University Number: 2017196

Course: BSc Electrical / Electronic Engineering

Module Code: SGEE6005

Assignment Title: Regulated Power Supplies

Date Submitted: 29/02/2024

Word Count: 2800 words

- ① RESEARCH OF POSSIBLE COMPONENTS IS GOOD, YOU NEEDED TO DO MORE RESEARCH PRE-DESIGN. THIS WOULD INFORM YOUR DESIGN DECISIONS.
- ② DESIGN METHOD WAS WELL EXPLAINED. GOOD USE OF ADVANCED TECHNIQUES SUCH AS SCHEME CURVES.
- ③ GOOD RESULTS ALLOWING A CHOICE OF COMPONENTS. THE TESTING NEEDED TO HAVE 2 AXIS (CURRENT AND VOLTAGE AGAINST RESISTANCE)
- ④ ANALYSIS/EVALUATION WAS STRONG AND YOU NEED TO IMPROVE ON THIS NEXT TERM. YOU SHOULD INCLUDE THE WIDER ISSUES, NOT JUST THE ELECTRICAL DESIGN.
- ⑤ GOOD CONCLUSION.

Name: Matthew Perry

University Number: 202441

Course: BSc Electrical / Electronic Engineering

Module Code: SGEE6005

Assignment Title: Regulated Power Supplies

Date Submitted: 28/02/2024

Word Count: 3205 words

- ① GOOD RESEARCH INCLUDING THE WIDER ISSUES SUCH AS SUSTAINABILITY + IP.
- ② DESIGN METHOD WAS EXPLAINED IN DETAIL. SOME DIAGRAMS, ESPECIALLY THE SCHEME CIRCUIT ARE A LITTLE SMALL.
- ③ THE ANALYSIS + EVALUATION ARE DETAILED. A GRAPH OF OUTPUT VOLTAGE AND CURRENT AGAINST -LOAD RESISTANCE WAS NEEDED. THIS IS CRITICAL IF THE POWER SUPPLY IS OPERATE EFFICIENTLY.
- ④ GOOD CONCLUSIONS, BUT THERE IS NO STOPPING LIST OF POSSIBLE COMPONENT THAT SATISFY THE SPECIFICATION.
- ⑤ PRESENTATION IS GOOD AND WORD COUNT WAS NOT EXCEEDED.

Name: Aeron Smitham
University Number: 2017197
Course: BSc Electrical / Electronic Engineering
Module Code: SGEE6005
Assignment Title: Regulated Power Supplies
Date Submitted: 28/02/2024
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- ① THE RESEARCH WAS BASIC FOR LEVEL 6,
YOU SHOULD INCLUDE ANYTHING THAT IS
REQUIRED TO INFORM YOUR DESIGN DECISIONS.
INCLUDING ITH, IP RATING ETC.
- ② DESIGN METHOD WAS EXPLAINED IN DETAIL,
HOWEVER YOU HAVE STRAYED OFF TOPIC AT
TIMES. THERE WAS NO NEED TO SHOW THE
FULL MACHINE, JUST THE POWER SUPPLY AND
ITS CIRCUIT WILL SURFACE.
- ③ EXCELLENT RESULTS AND ANALYSIS
- ④ EXCELLENT EVALUATION & CONCLUSIONS.
- ⑤ PRESENTATION WAS VERY GOOD, AND
WORD COUNT NOT EXCEEDED.