

071306T4ELC

ELECTRONICS TECHNICIAN LEVEL 6

ENG/OS/ET/CR/06/6/A

Maintain Automation and Radio Frequency Systems

Nov/Dec 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL**

PRACTICE

3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks:
 - i) TASK: Perform repair and maintenance activities
2. You have been provided with the following resources for the practical tasks:
 - i) Faulty model of an RF amplifier circuit
 - ii) Equipment label
 - iii) Appropriate tools

This paper consists of TWO (2) printed pages.

The candidate should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

You are required to perform repair and maintenance on the model for the amplifier to function as follows. When you introduce an input signal to the electret, the signal is amplified and an output to the speaker.

Carry out the following task:

- i) Prepare a maintenance checklist.
- ii) Prepare a list of maintenance tools, equipment and materials
- iii) Perform repair and maintenance activities.
- iv) Testing circuit functionality
- v) Write a maintenance report

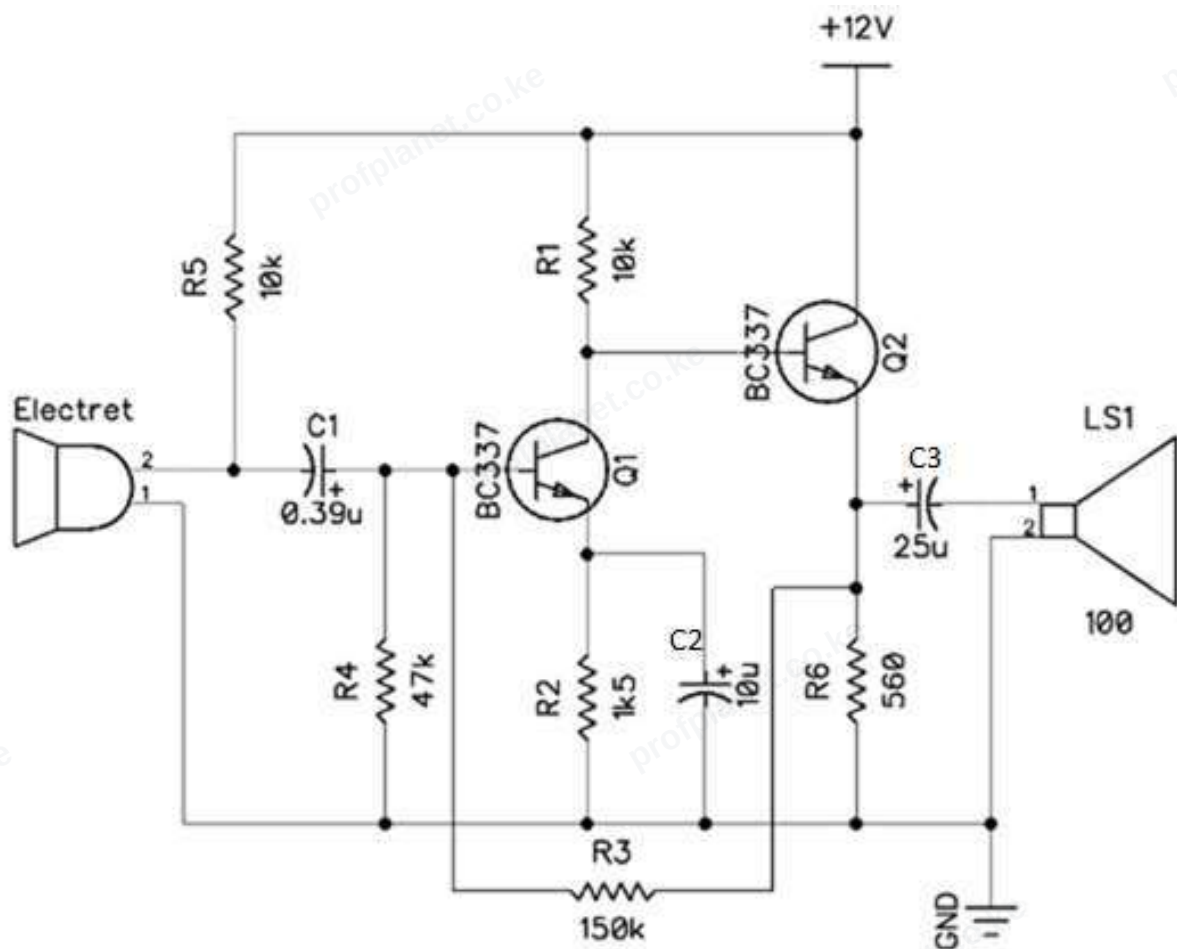


Figure 1

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