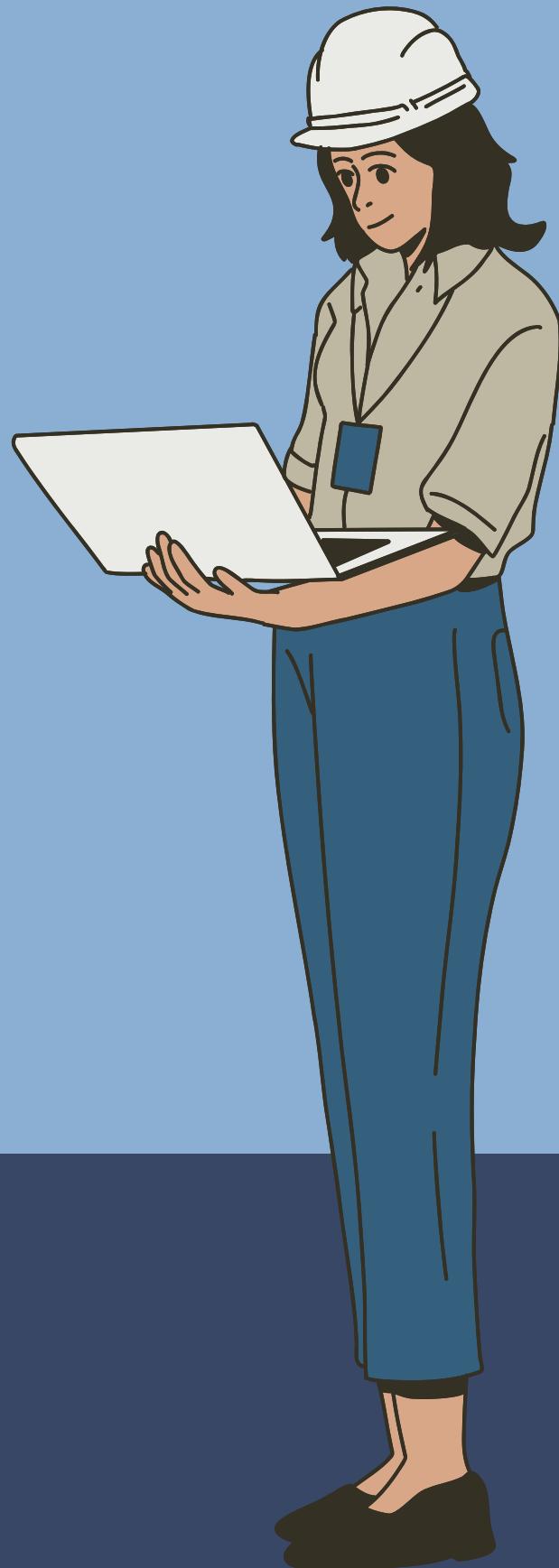


# Function Generator

Name:Asmaa Mohamed Fawzy B.N:8

# Contents:

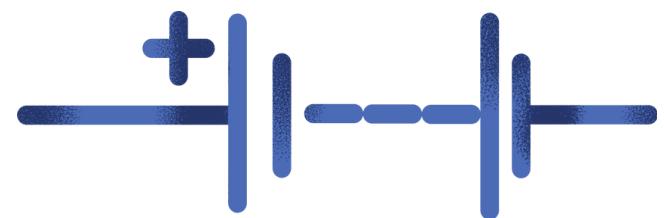
- What is a function generator?
- Components of Circuit
- My schematic on proteus
- OutPut
- Test



# What is a function generator?

A **function generator** is usually a piece of electronic test equipment or software used to generate different types of electrical waveforms over a wide range of frequencies. Some of the most common waveforms produced by the function generator are the sine wave, square wave, triangular wave. These waveforms can be either repetitive or single-shot (which requires an internal or external trigger source).

# My Circuit Components



battery 10V



ICL8038



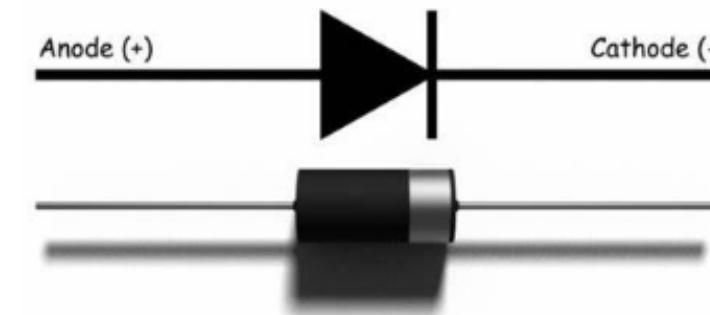
potentiometer



resistors

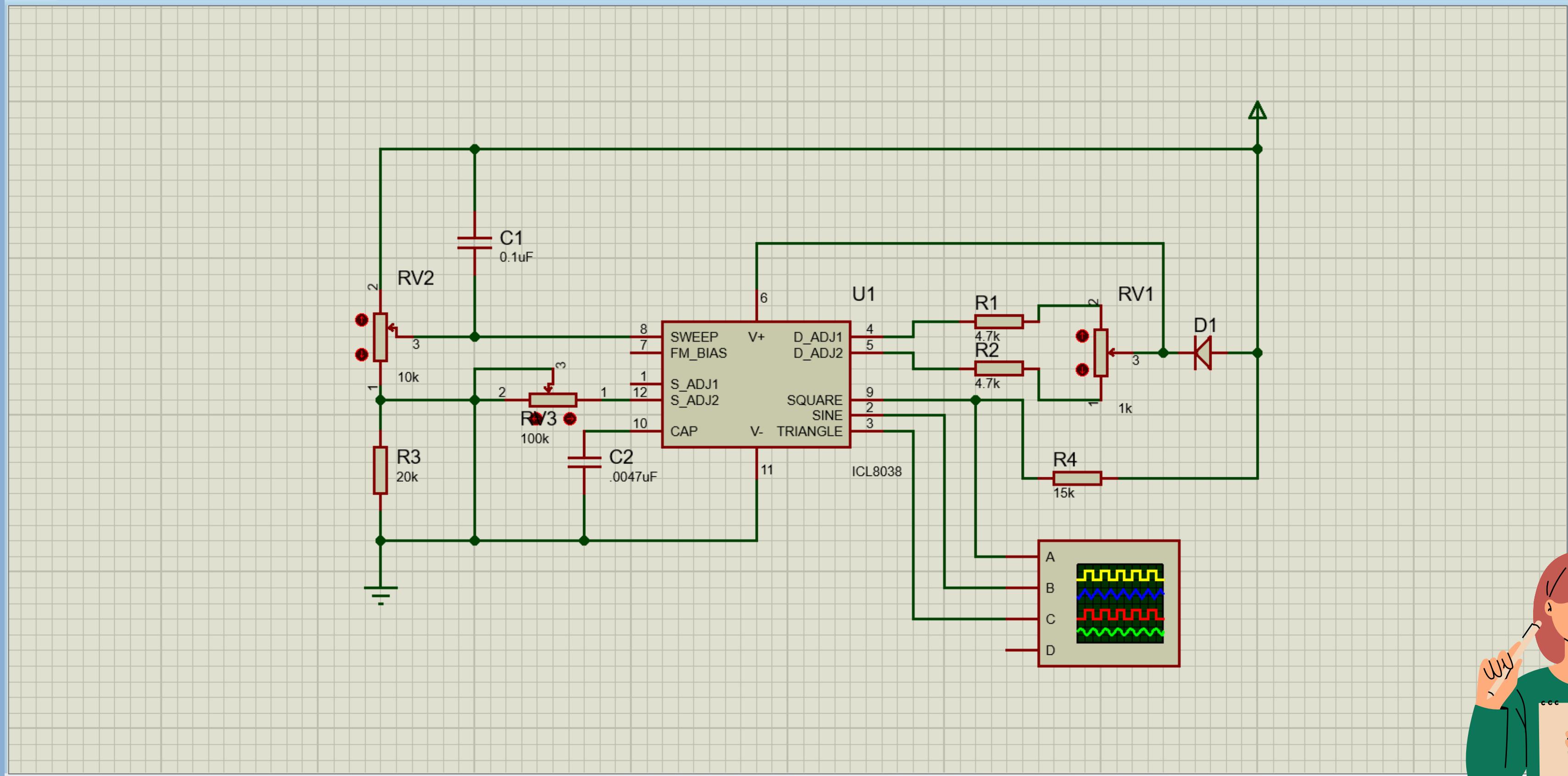


capacitors

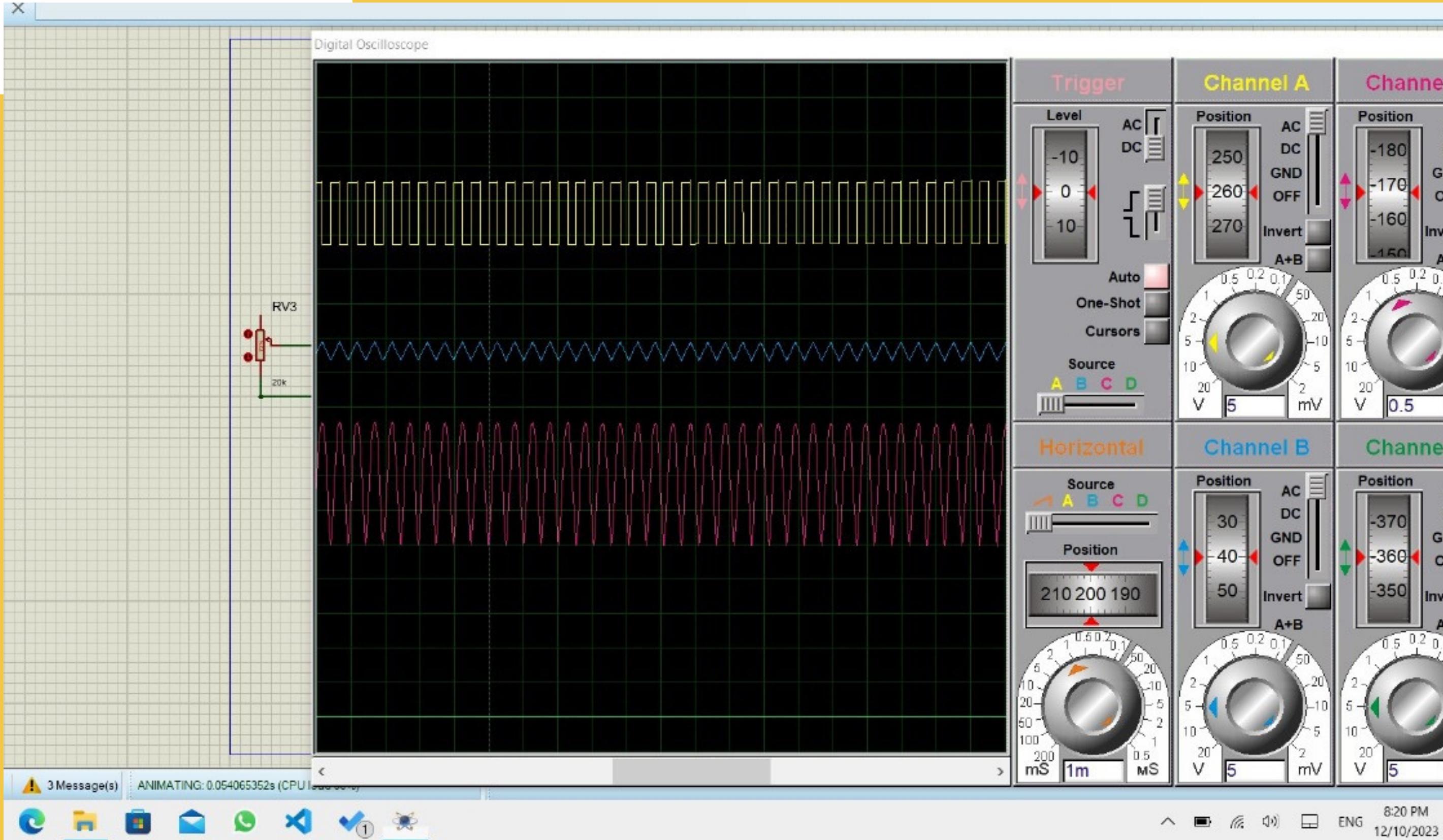


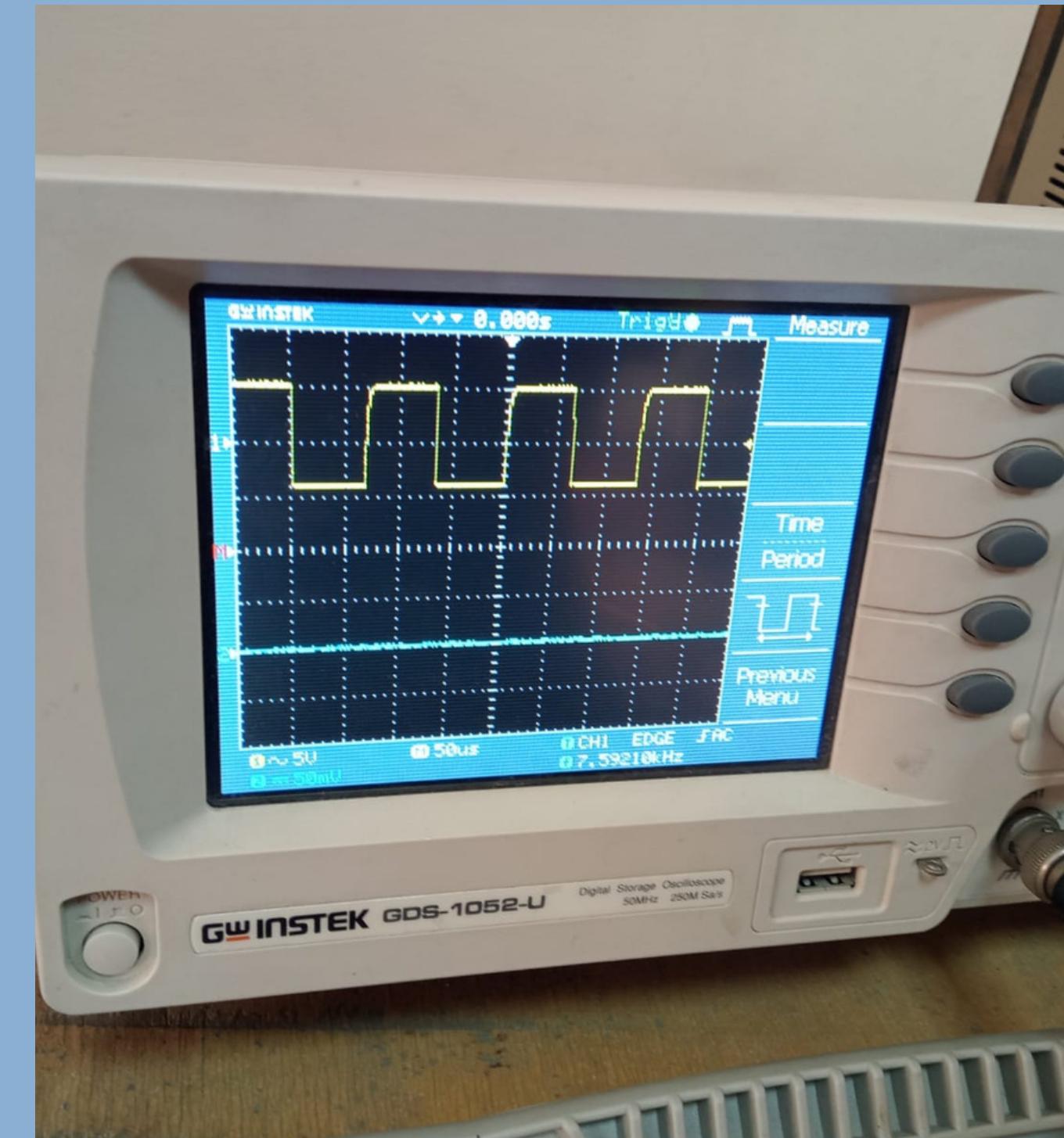
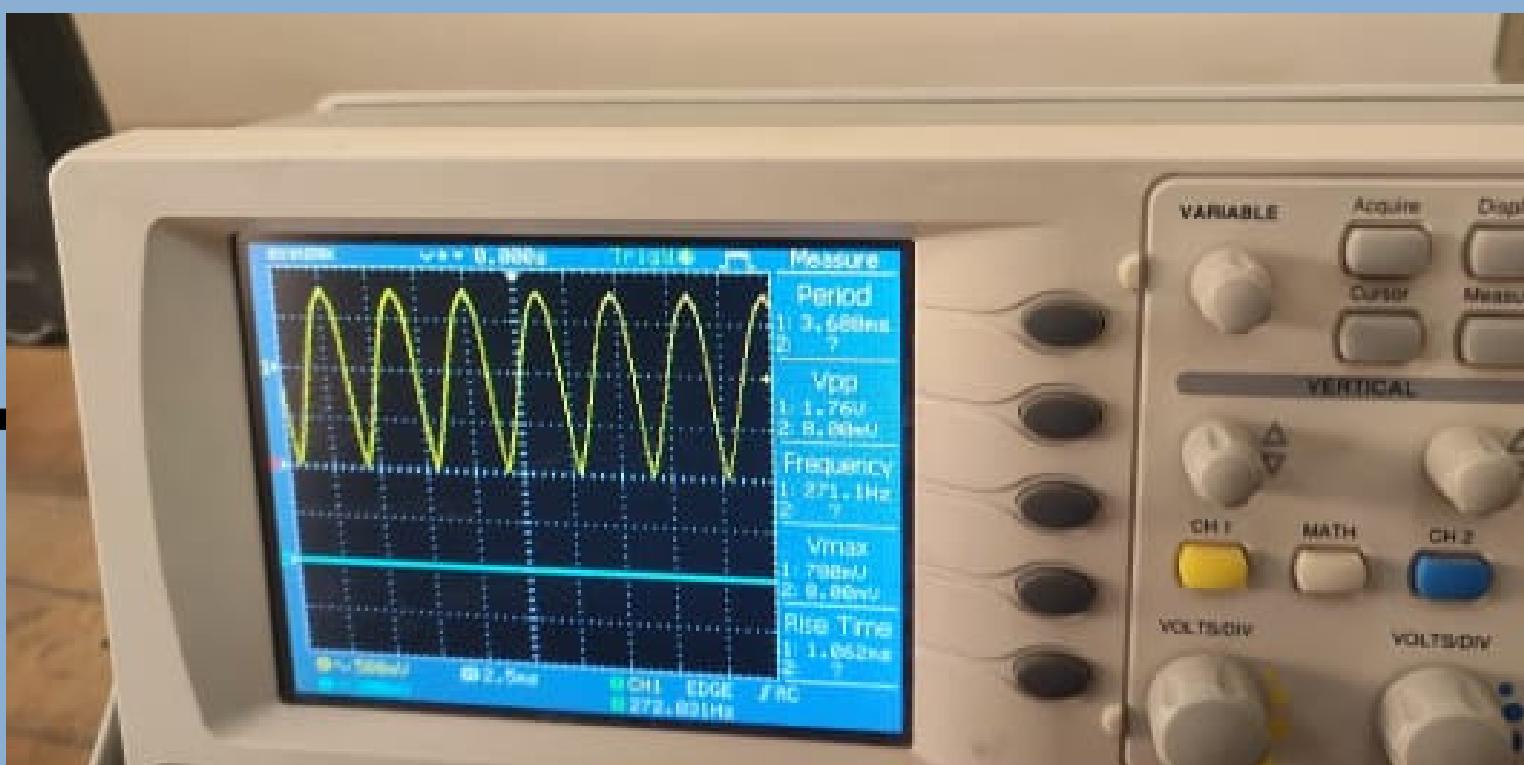
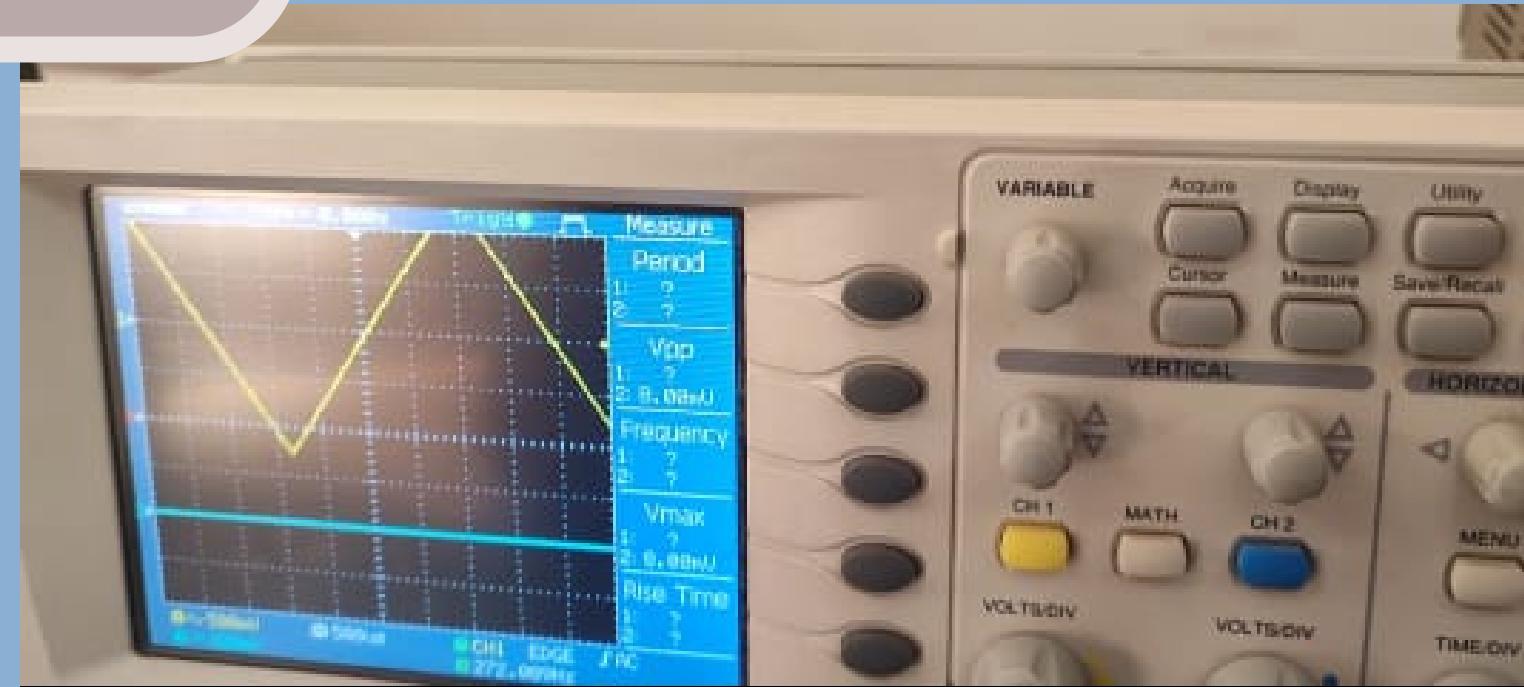
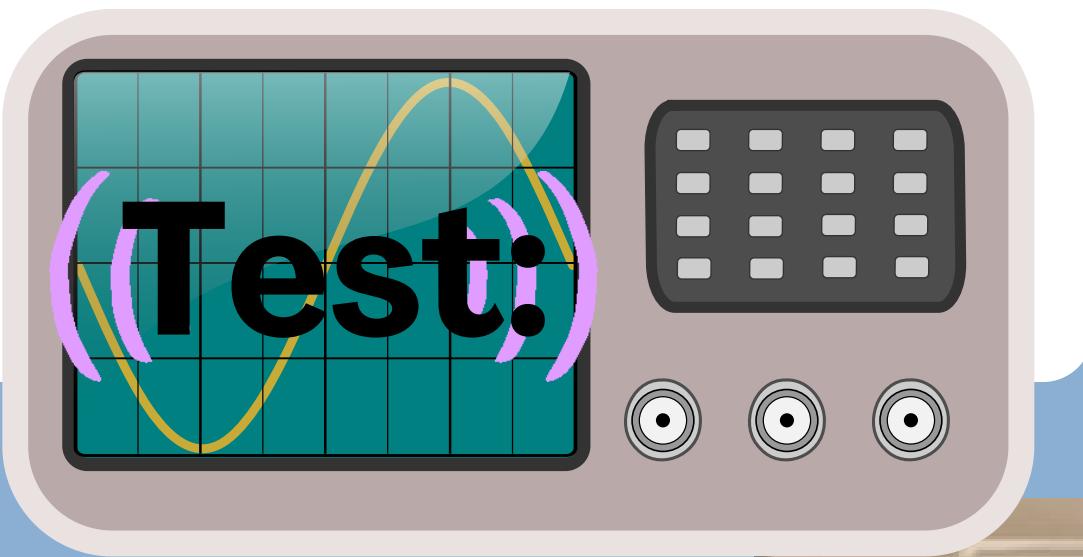
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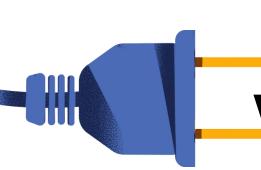
# Schematic:



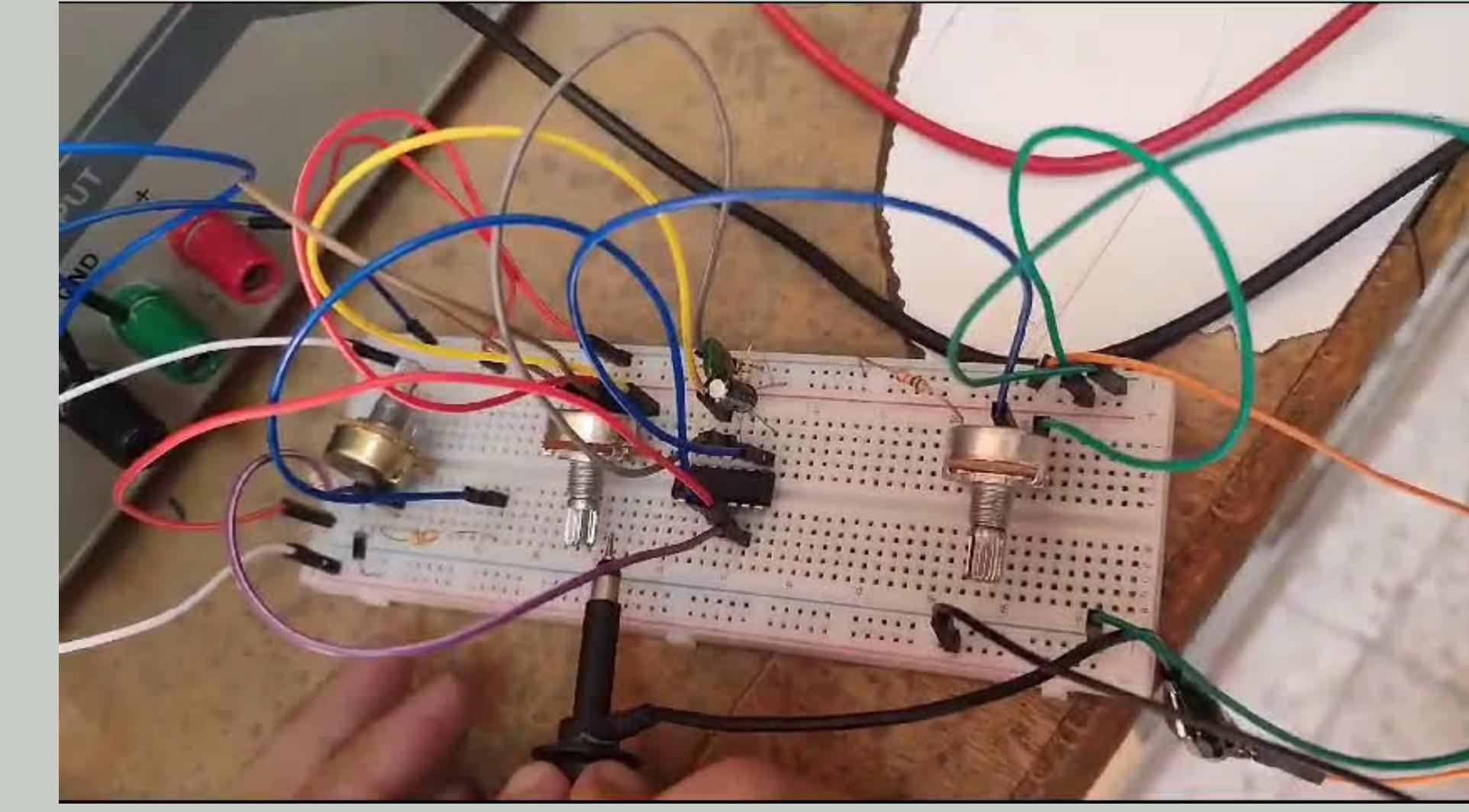
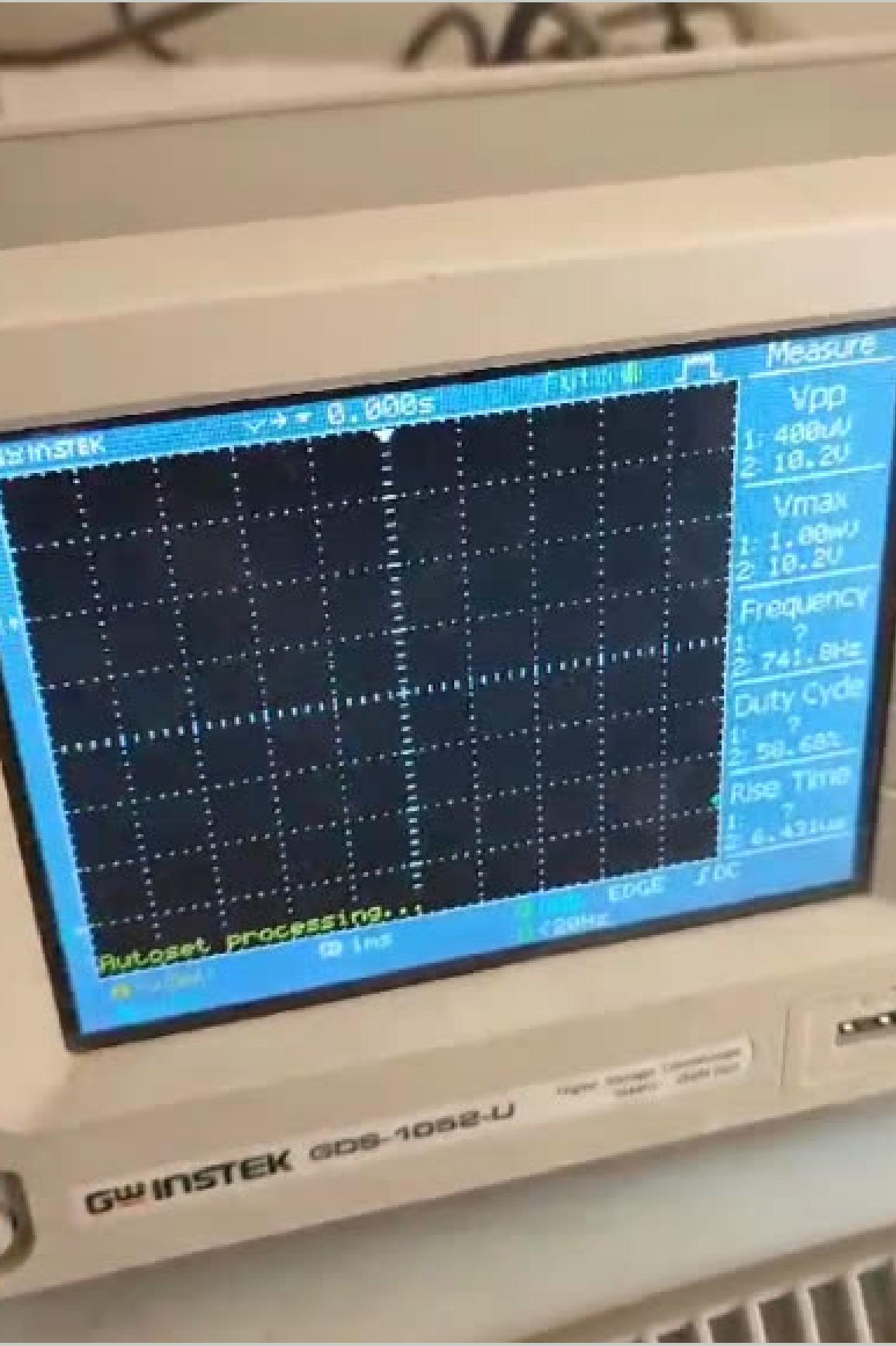
# **Output my Schematic:**







# Videos:



Thank You ^\_^



**DON'T FORGET THEM IN  
YOUR PRAYERS**