

EEE353 Experiment 3: CLIPPER CIRCUITS

Materials List

- Oscilloscope
- Transformer (12V)
- Diode (4 1N4001) or Bridge diode
- Resistance (1K Ω)

What to do when your circuit doesn't work.

1. Check if the circuit setup is done correctly. Breadboard connections making mistakes is one of the biggest sources of error.
2. Is there any contact between the elements you placed on the breadboard? Check.
3. Check if the crocodile clips and jumpers are intact.
4. If you are applying supply voltage to the system, measure the supply voltage on the circuit. If it is correct, look for another error, if the supply voltage is not coming, investigate the reason.
5. Are the power supply signal generator connections complete? Are these devices connected to the circuit?

Check if they give an exit when they are not.

HOW TO DO THE EXPERIMENT: Make the circuit connections as shown in the Figure.



