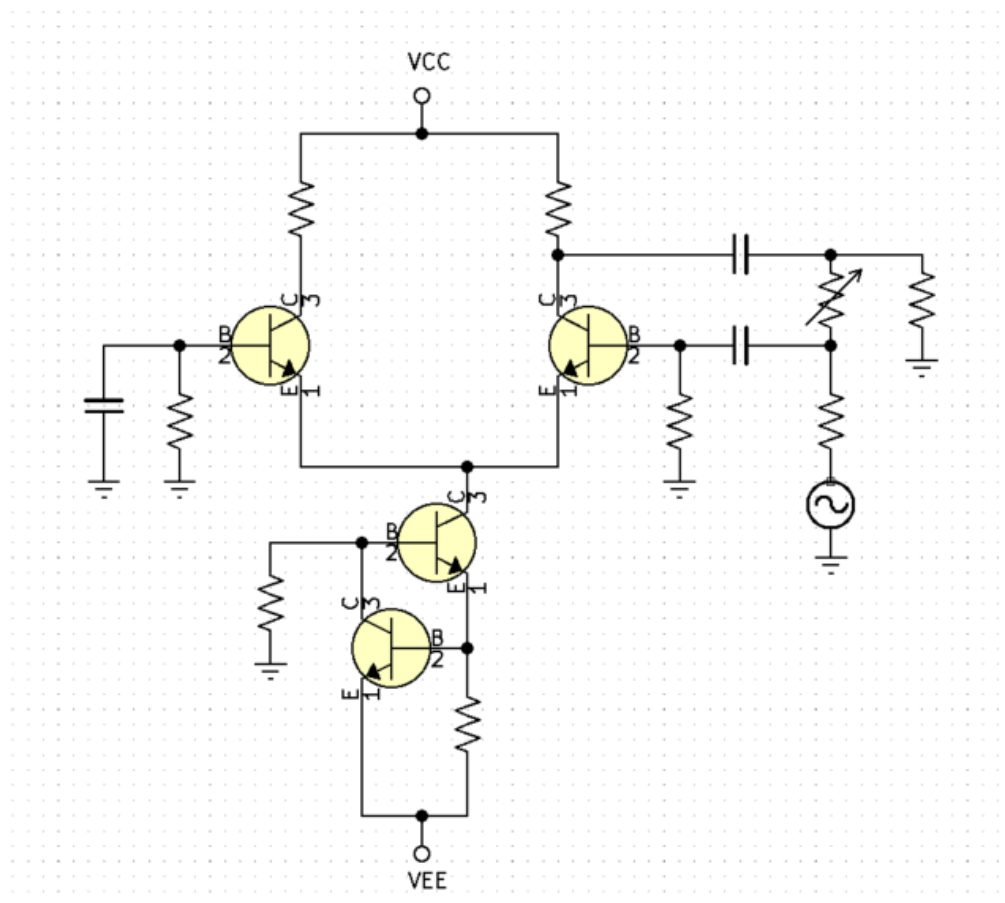
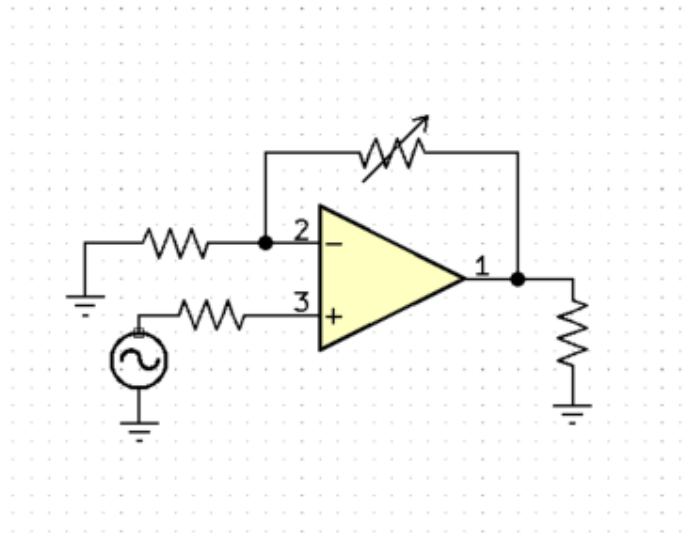


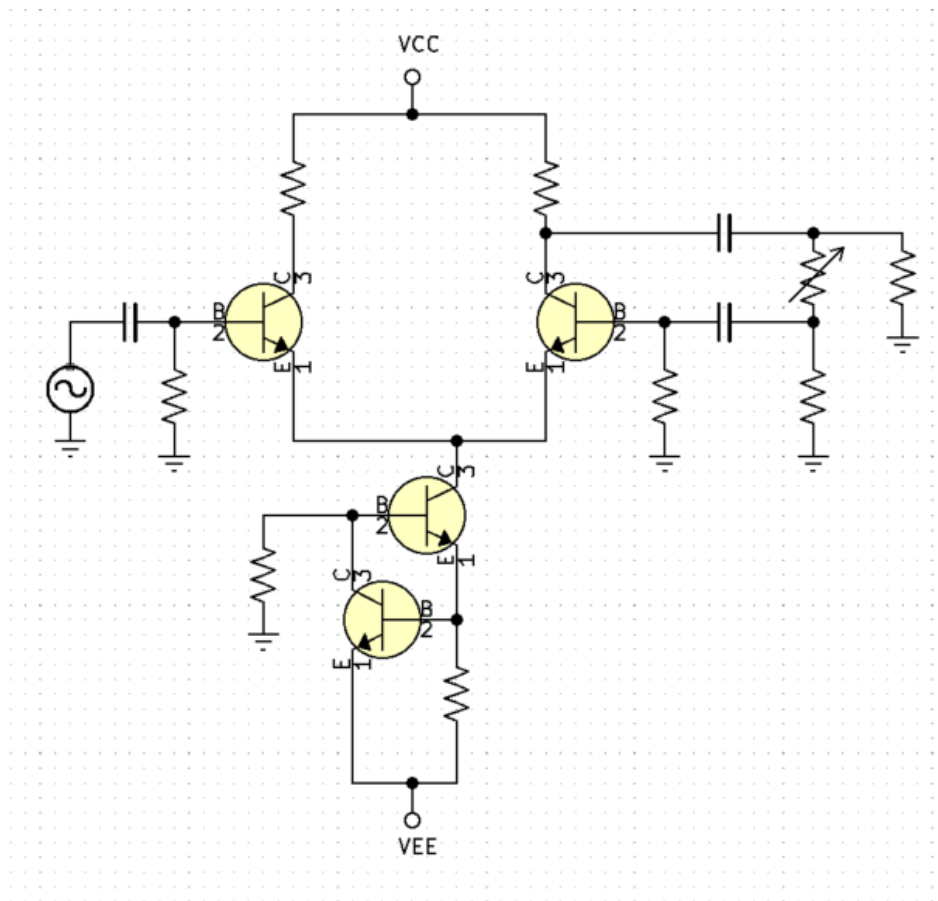
Consider the Inverting Op-Amp configuration.



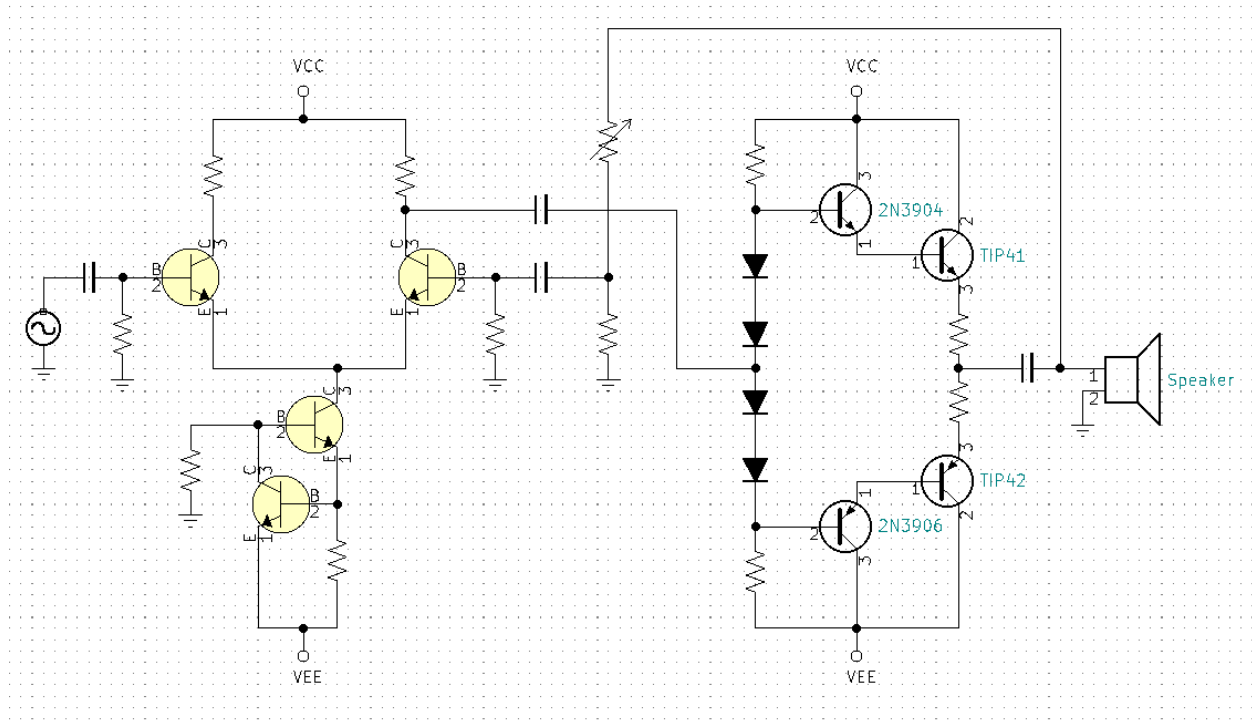
Inverting Single Ended Differential Amplifier with Variable Gain.



Consider the Non-Inverting Op-Amp configuration.



Non-Inverting Single Ended Differential Amplifier with Variable Gain.



Non-Inverting Single Ended Differential Amplifier with variable gain and Power Amplification.