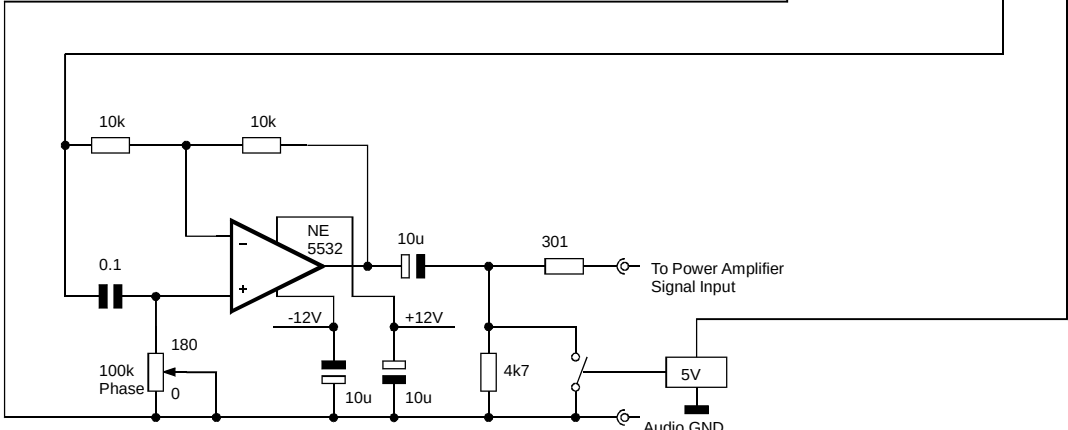




The diagram illustrates a 4th order all-pass filter circuit and its frequency response characteristics. The circuit consists of a feedback loop with a gain of 10 (Gain X10) and a volume control. The frequency response plots show the magnitude and phase of the filter. The magnitude plot is a flat line at 0 dB, indicating that the filter does not attenuate or amplify the signal. The phase plot shows a phase shift that increases from 0° to 360° as the frequency increases, characteristic of a 4th order all-pass filter. The plots are labeled with frequency (F) and phase (P).