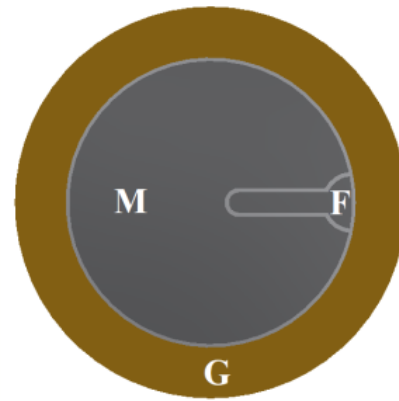
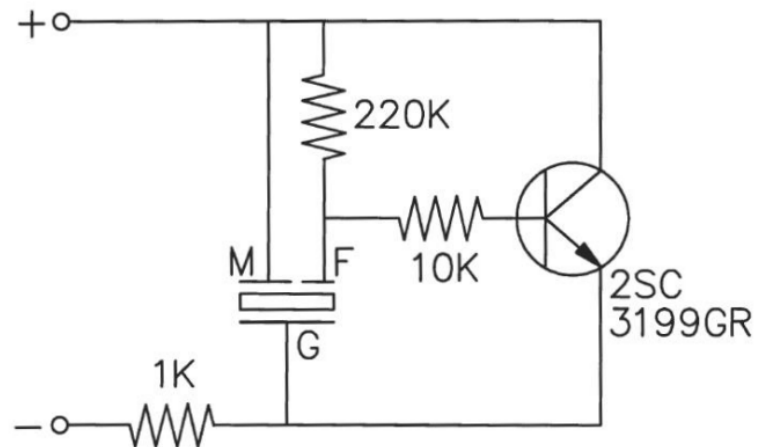


Piezo Benders with Feedback Circuits

A piezo bender's ceramic disc can be configured with or without a feedback circuit. Piezo benders not only flex when given an input voltage, they also generate an output voltage when flexed. Adding a feedback circuit to a piezo bender allows it to be used in conjunction with an external transistor and DC voltage to create a low-cost oscillation circuit. The oscillation circuit generates a tone based on the resonant frequency of the piezo bender, which is the frequency at which the piezo bender creates the most output. This results in a higher sound pressure level (SPL) and lower frequency drift. These are signal frequency devices.



Typical Feedback Piezo Drive Circuit



**Additional
Information at:**

www.puiaudio.com/faq