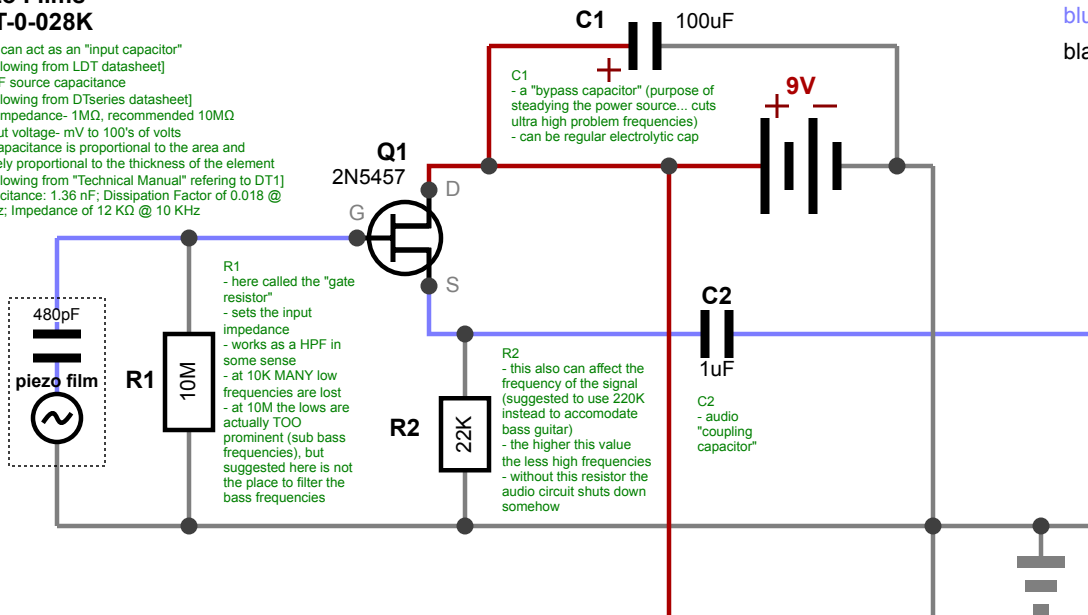


# buffer circuit

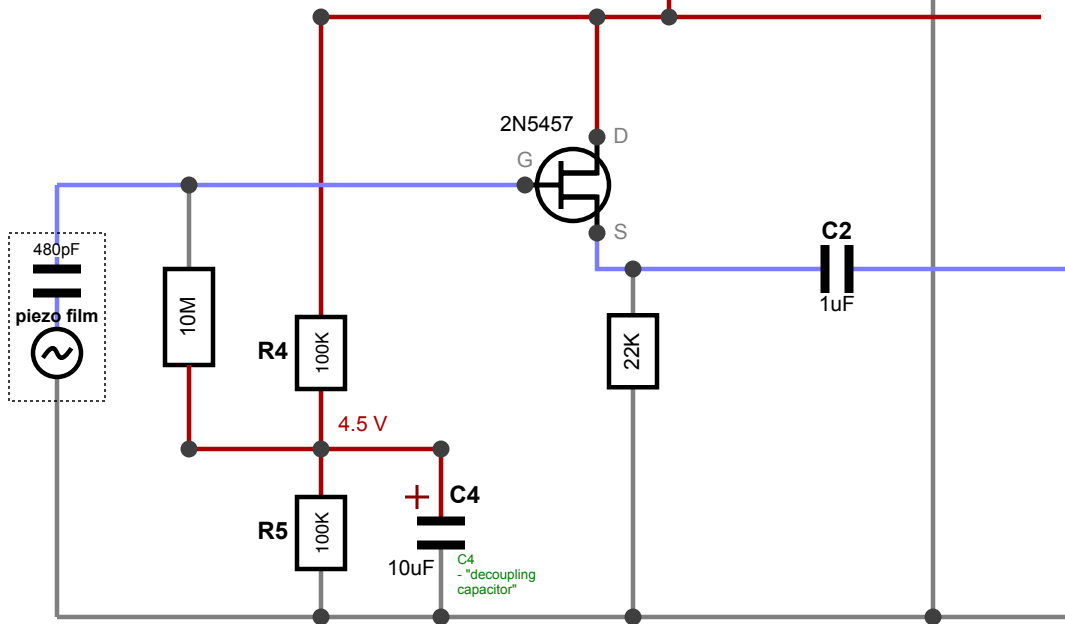
## Piezo Films - LDT-0-028K

- each can act as an "input capacitor"
- [the following from LDT datasheet]
- 480pF source capacitance
- [the following from DTseries datasheet]
- Min. impedance- 1MΩ, recommended 10MΩ
- Output voltage- mV to 100's of volts
- the capacitance is proportional to the area and inversely proportional to the thickness of the element
- [the following from "Technical Manual" referring to DT1]
- Capacitance: 1.36 nF; Dissipation Factor of 0.018 @ 10 KHz; Impedance of 12 KΩ @ 10 KHz

A



B



CircuitA - Buffer Circuit