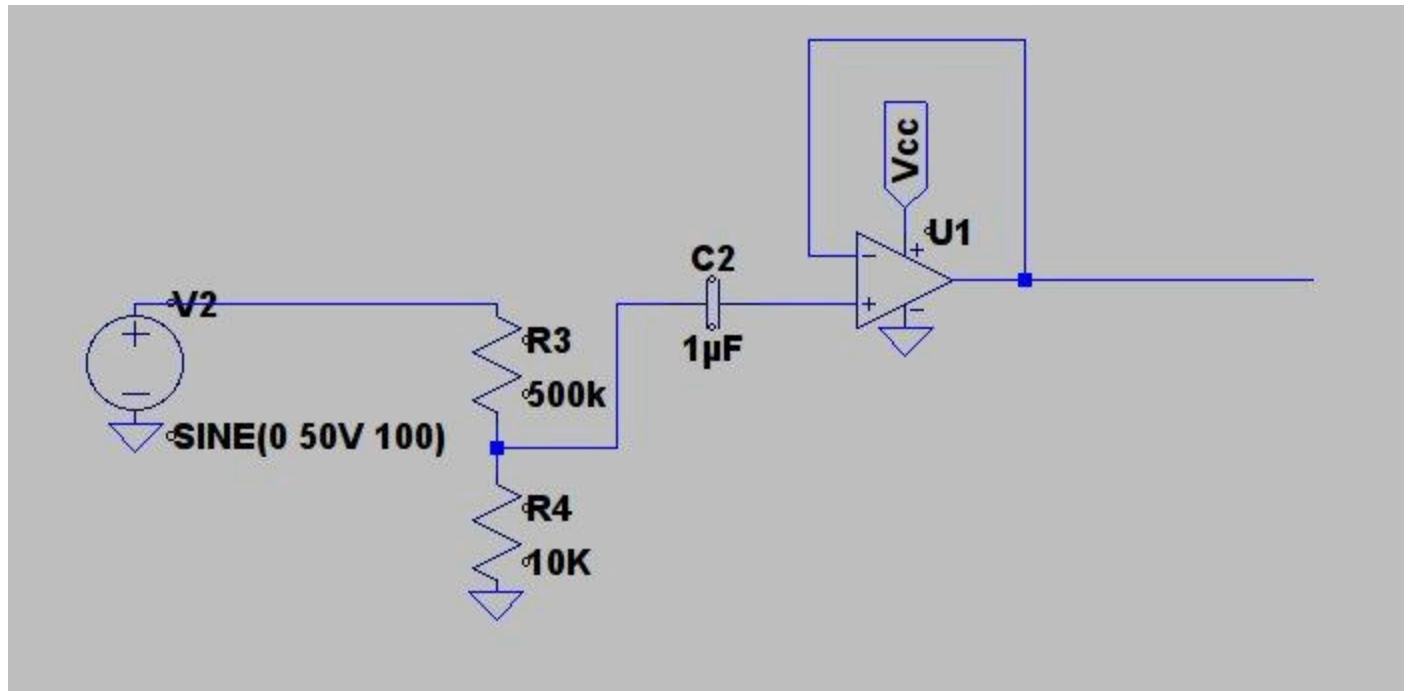


Xoscoillo - reading higher voltages than the arduino can manage.

Via http://groups.google.com/group/xoscoillo/browse_thread/thread/303e2bc8f1b7913c?hl=en



but instead of 500k resistance you have to use a linear potentiometer, it's just a row schem, but it should work :)
Vcc is 3.3V

If you use a digital pot (managed by arduino) you can also know the division factor and use it for set the right peak value in the graph :)

I.E. (like in the picture) you know that the pot value is 500K, $500/10 = 50$, you are measuring a peak of 2.6 V and the lowest value is 0.6V, it's a ± 1 sine wave, multiply ± 1 [and -1] $\times 50$ and you get the real voltage peaks :)

hope useful :)