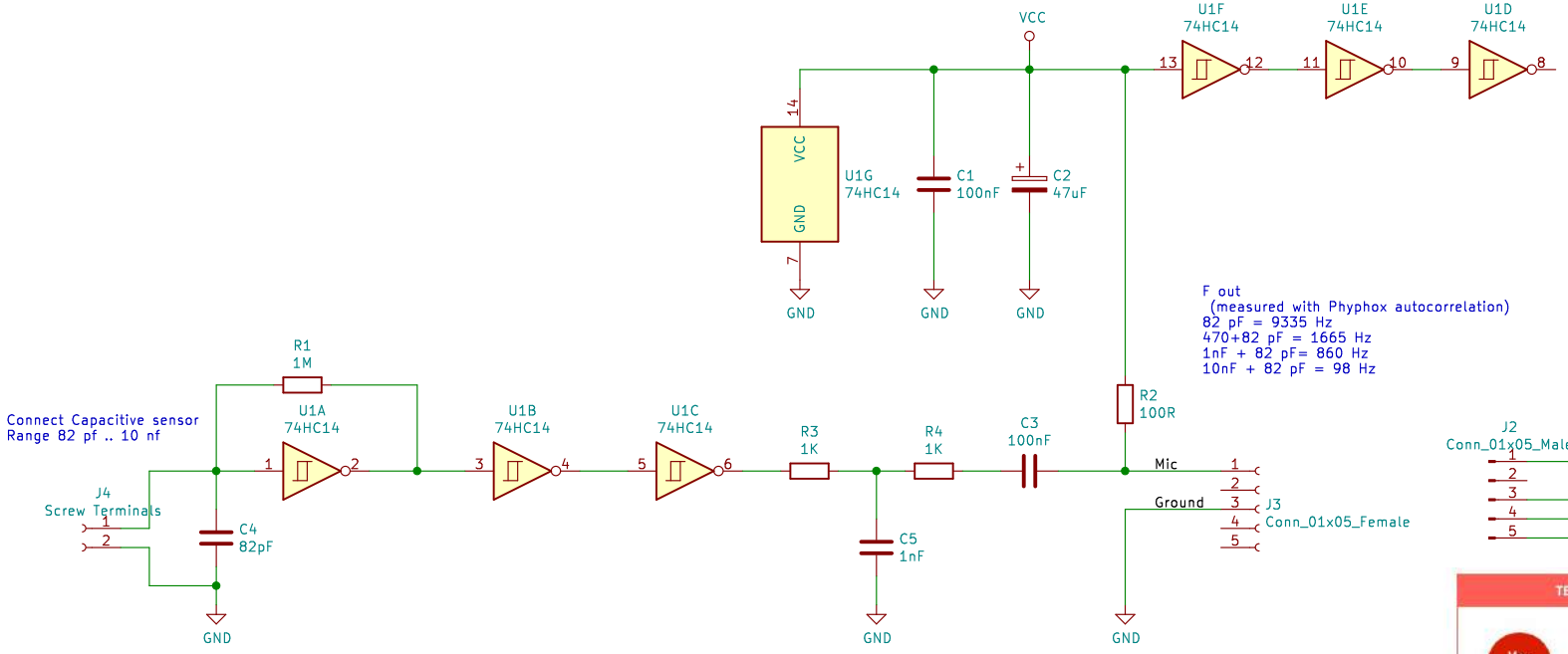
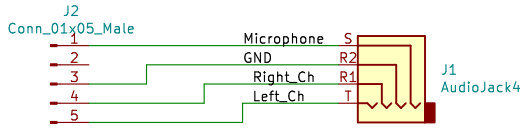
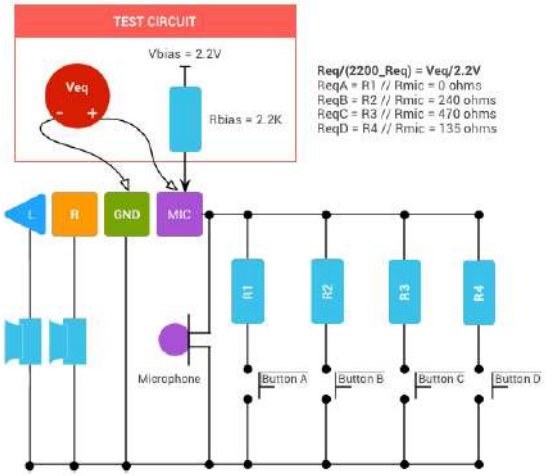
With these dimensionings the VCC measured 2.0V when connected
to a Samsung A40



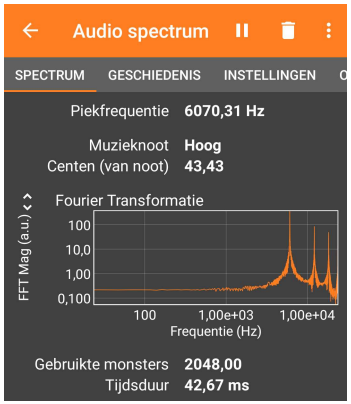
F out
(measured with Phyphox autocorrelation)
82 pF = 9335 Hz
470+82 pF = 1665 Hz
1nF + 82 pF= 860 Hz
10nF + 82 pF = 98 Hz



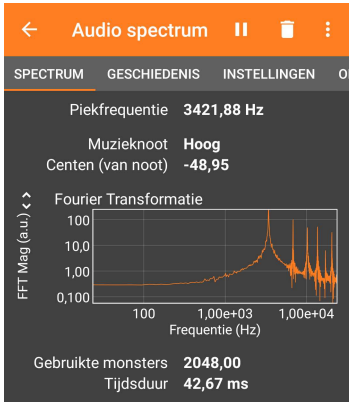


Test sensor made of 2 x 19 mm x 550 mm strips coppertape
on 5/8" PVC Tube inside a 3/4" PVC Tube, sealed with epoxy.

Sensor in free Air



Sensor immersed for 41 cm into water



Simple C to Frequency Convertor for smartphone

By Andries Lohmeijer PE1BMC

Sheet: /
File: Phone_Interface_V0.6.sch

Title:

Size: A4 | Date: 01-06-2020 | **Rev:** V0.6
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