1

1. 1.125v
2. 1.3v

2

1. 3.9v
2. 390 ohm
3. 110 ohm

3

1. 1,2v
2. 3,8v
3. 250 ohm

4

1. 1 / (2 \* pi \* 0,01 \* (10 \* 10-6)) = 1.59 Mohm
2. 1 / (2 \* pi \* 1000 \* (10 \* 10-6)) = 15.9 ohm
3. 1 / (2 \* pi \* 0.01 \* (10 \* 10-9)) = 159 Mohm