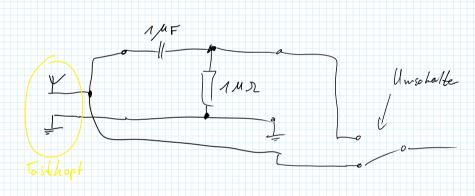
Q 2 Montag, 6. Januar 2014 17:25

Hodpass on Eingus

1M2 = 1,000.0002

Meiste Tusthopk auf 1 M SZ objectivet vgl. S.15

$$=) 1s = R \cdot C \qquad |R = 10^{\circ} R$$



Mess beriebs woll

Soll noch der Wahl:

+ 2V Amplitude

Wathbase Bereich:

Skolieng

20 V $\frac{1}{70}$ 10 V $\frac{1}{E} = \frac{2}{70}$ Spanningsteiler

5 V

0,4= $\frac{4}{10}$ 2 V

1 V

2

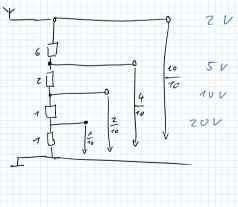
0,5 V

4

0,2 V

10

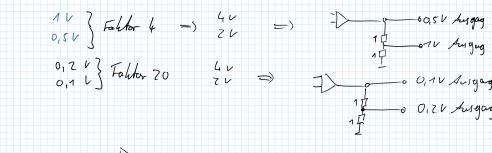
Verstarker

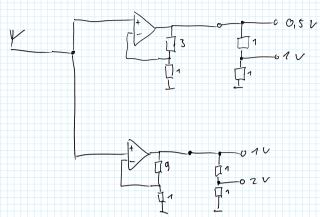


0,1 1 20) Wie? Einer wit Fahler 20? dan Spanngsteile Mus?

aber 20×1V = 20 V 4 Optup mained 8 V

>> mehrere, die evt/ uborsteuem?



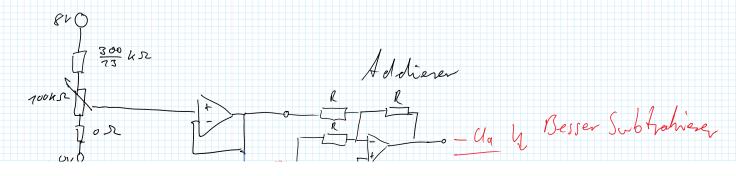


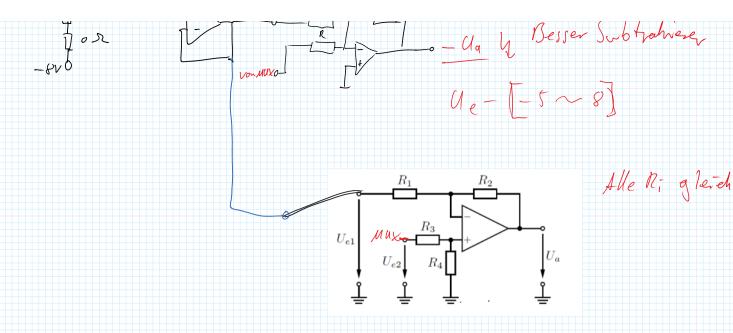
Offsetampassag

$$\frac{R_1 - R_2 + 2 d R_2 - R_3}{R_1 + R_2 + R_3} \cdot 8V = U_a$$

$$d = 0 \quad \frac{R_7 - R_7 - R_3}{R_{1} + R_{2} + R_3} \cdot \mathcal{E}V \stackrel{!}{=} -5V$$

$$k=1$$
 $\frac{R_1 + R_2 - R_3}{R_1 + R_2 + R_3}$ $8V = 8V$





Erfasster Bildschirmausschnitt: 07.01.2014 14:13

Anti Aliasing- Filter

Abtasffreguers: 38 UHZ ~ Grenzheguers 19 HHz

$$f_{q} = \frac{1}{7\pi RC} \Rightarrow 194H_{z} = \frac{1}{7\pi RC} \Rightarrow$$

R*C = 8.3765759522050176720465138617112822123399813547608657235... × 10^ -6

Aus < http://www.wolframalpha.com/input/?i=1%2F%2819000*2+pi%29

$$\frac{1}{f} = 2\pi R \ell = 7 \frac{1}{2\pi \ell} = R \ell$$

17 nadet posseder Widested: 8,2 42

Bereche Pg int C= 1nF, R= 8,7 h SZ

Wahle nowelst grasare n = 1042

http://www.elektronik-labor.de/OnlineRechner/Grenzfrequenz.htm