f=100 Hz

source_50

filter_50_1
filter_50_2
filter_50_3

P1
P2
P3

R1
R=10 kOhm

R2
R=10 kOhm

R3
R=10 kOhm

V1
UH=1 V
TH=5 ms
TL=5 ms

C1
C=4.7 uF

C2
C=4.7 uF

C3
C=4.7 uF

R5
R=1 MOhm

---

source_10

filter_10_1
filter_10_2
filter_10_3

P4
P5
P6

R6
R=10 kOhm

R7
R=10 kOhm

R8
R=10 kOhm

V2
UH=1 V
TH=1 ms
TL=9 ms

C4
C=4.7 uF

C5
C=4.7 uF

C6
C=4.7 uF

R9
R=1 MOhm

---

source_90

filter_90_1
filter_90_2
filter_90_3

P7
P8
P9

R10
R=10 kOhm

R11
R=10 kOhm

R12
R=10 kOhm

V3
UH=1 V
TH=9 ms
TL=1 ms

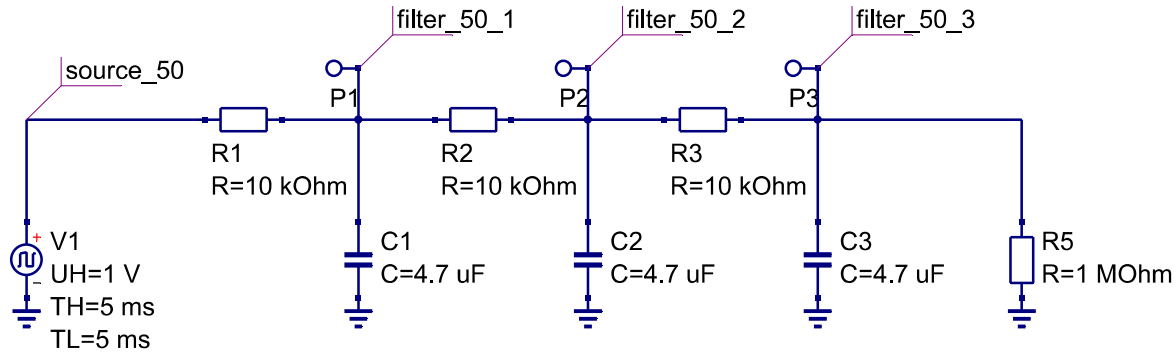C7
C=4.7 uF

C8
C=4.7 uF

C9
C=4.7 uF

R13
R=1 MOhm

Transienten
Simulation

TR1
Stop=1000 ms
Points=10001