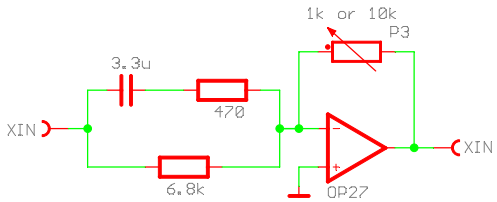
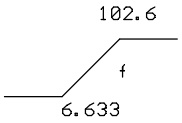
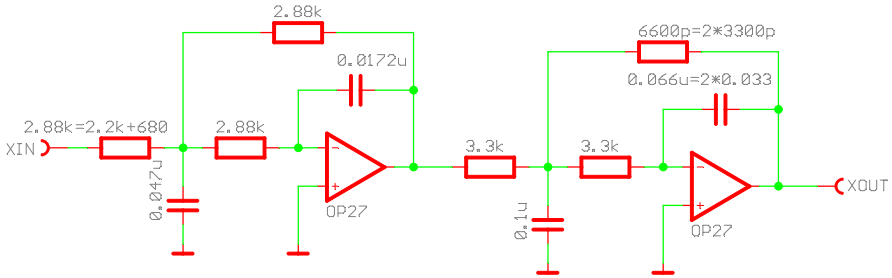
Feedback Filter





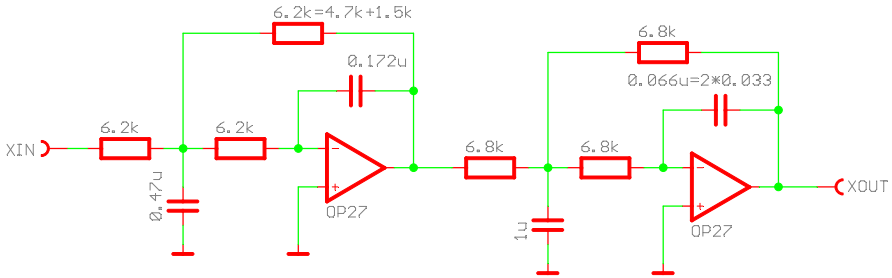
Anti Aliasing Filter (2kHz 4th Butterworth LPF)



f0 = 1943
Q = 0.551

f0 = 1877
Q = 1.30

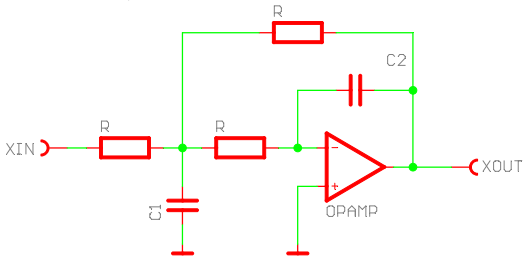
90Hz 4th Butterworth LPF at the end room



f0 = 90.285
Q = 0.551

f0 = 91.104
Q = 1.30

Multiple Feedback 2nd Order LPF



TF = -1/(C1 C2 R^2 s^2 + 3 C2 R s + 1)
w0^2 = 1/(C1 C2 R^2)
Q = sqrt(C1/C2)/3

Created: Date	Name

Changed: Date	Name

TAMA project, NAO Mitaka, Tokyo, Japan

Description:

Alignment Filter 4
End Mirror

File: alignment_end.sch Saved: 2000/10/30 01:14:22
Sheet: 1/1 Printed: 2000/10/30 01:14:27