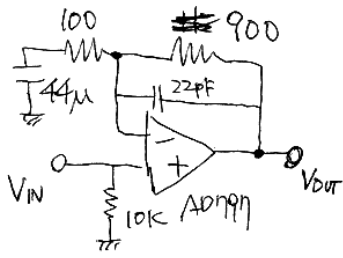
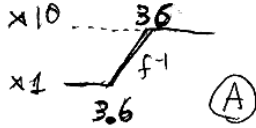


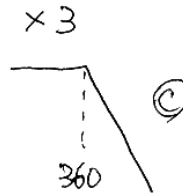
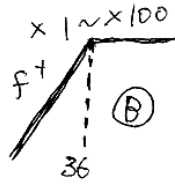
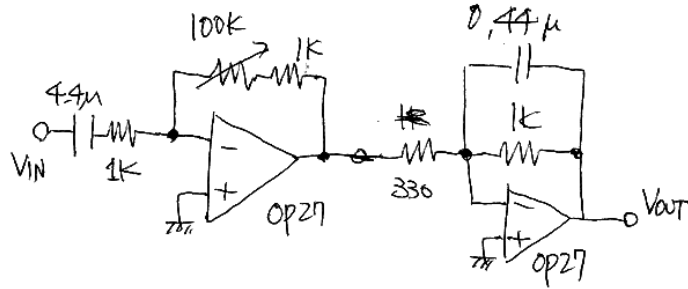
Whitening filter (K. Arai)



STAGE 1



70° HPF 20dB/dec



x NF 421197-2
HPF
100Hz



$$H(f) = A \times \frac{if/f_1}{1+if/f_1} \times \frac{if/f_2}{1+if/f_2} \times \frac{1}{1+if/f_3} \times H_0(f) \times \frac{1}{1+if/f_5}$$

(A)
(B)
(C)
(D)

WTF #1

$$\left\{ \begin{array}{l} f_1 = 36.6633 \text{ Hz} \\ f_2 = 36.7226 \text{ Hz} \\ f_3 = 368.965 \text{ Hz} \\ f_4 = 102.407 \text{ Hz} \\ f_5 = 29788.9 \text{ Hz} \\ A = 1043.98 \end{array} \right.$$

WTF #2

$$\left\{ \begin{array}{l} f_1 = 35.0925 \text{ Hz} \\ f_2 = 35.1187 \text{ Hz} \\ f_3 = 365.835 \text{ Hz} \\ f_4 = 102.438 \text{ Hz} \\ f_5 = 28636.6 \text{ Hz} \\ A = 1062.52 \end{array} \right.$$

