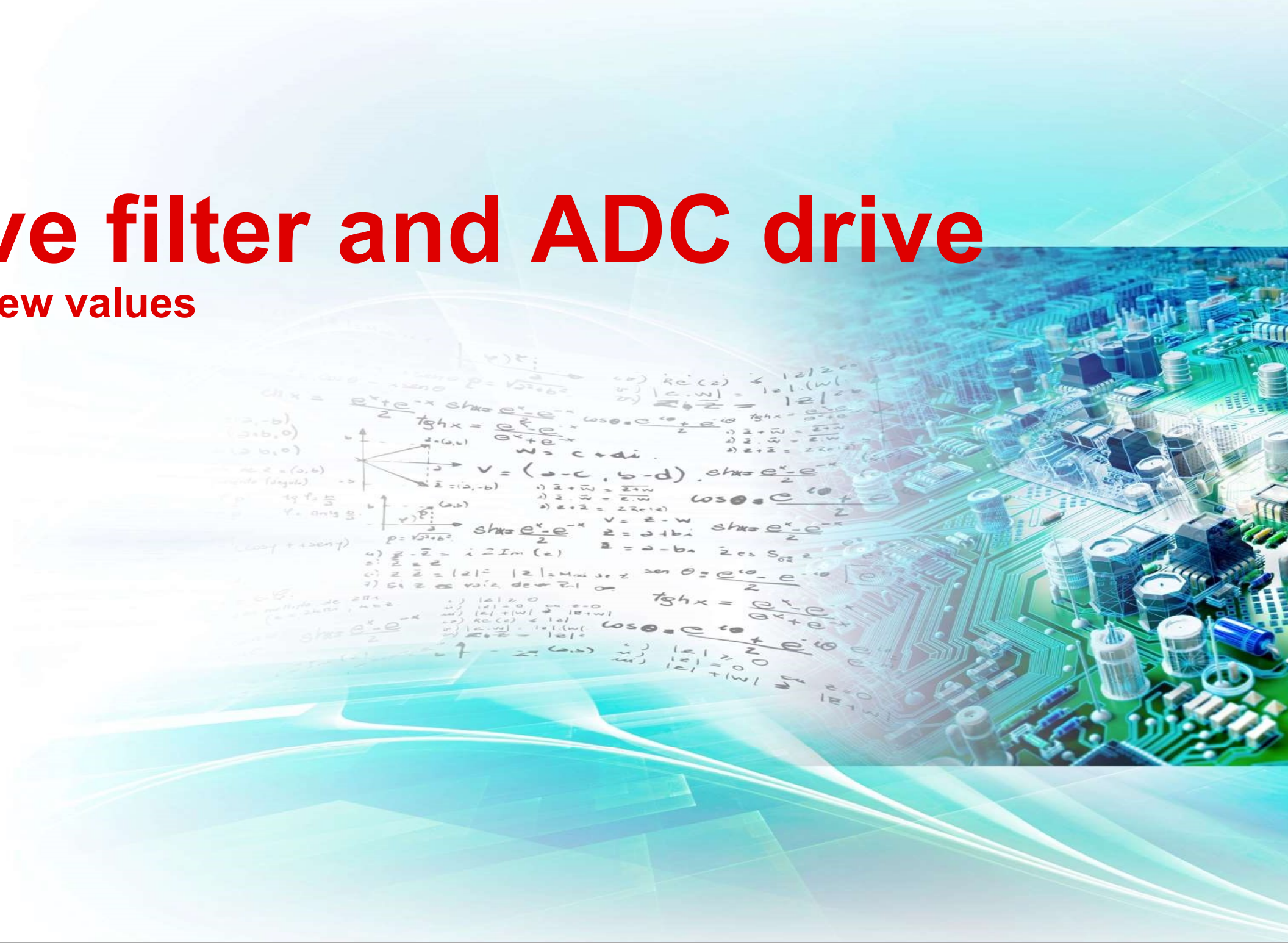
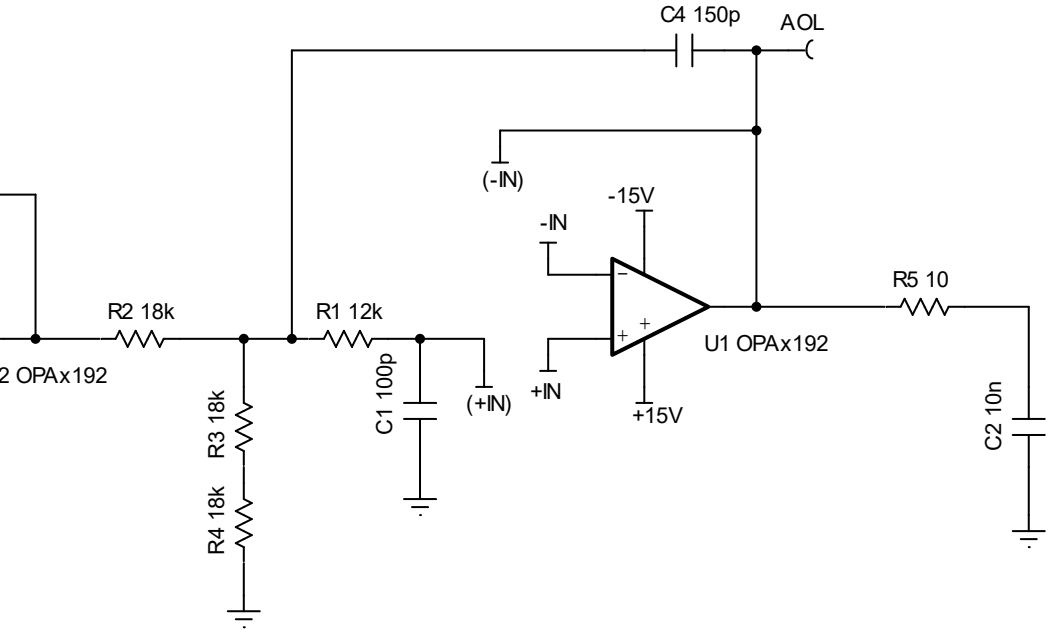
ve filter and ADC drive

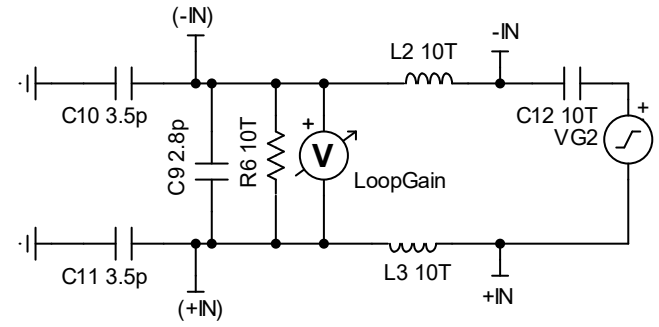
ew values



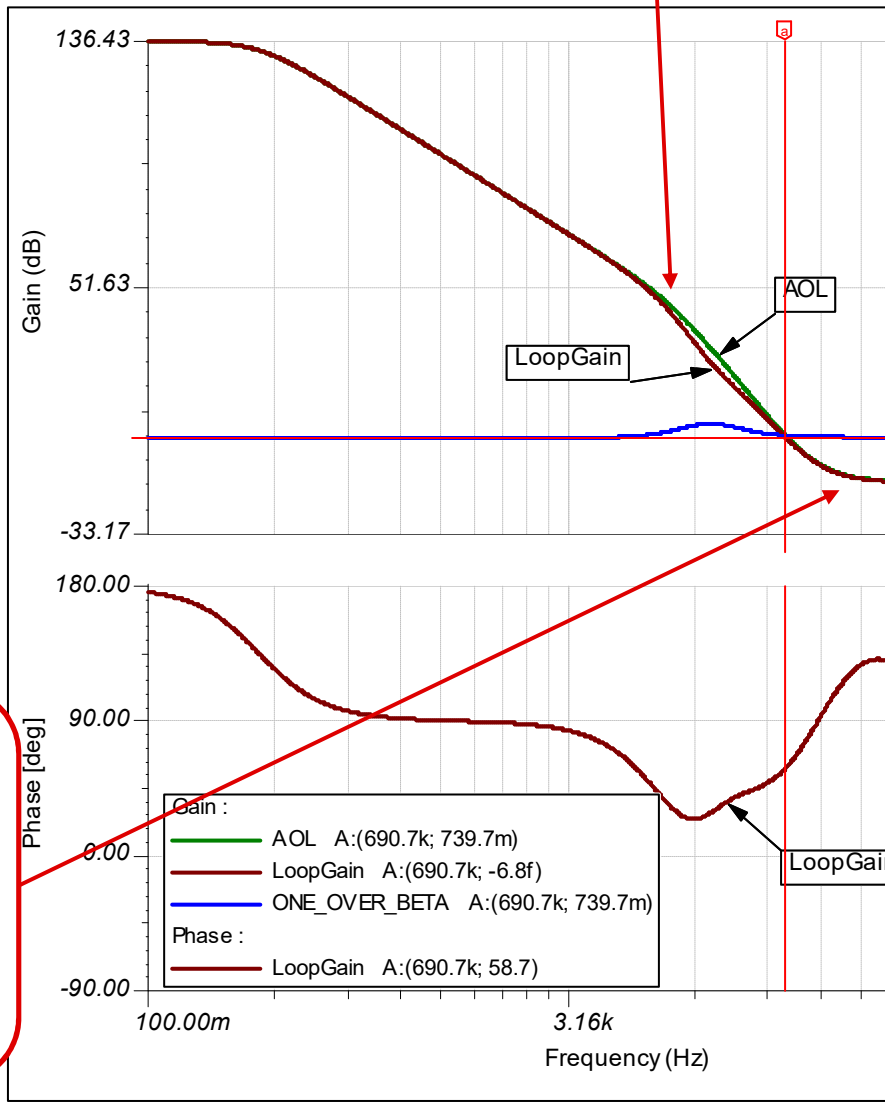
nal circuit

The phase margin is 58.7
However, this second pole i
makes the rate of closure 40
This condition normally mak
circuit unstable.

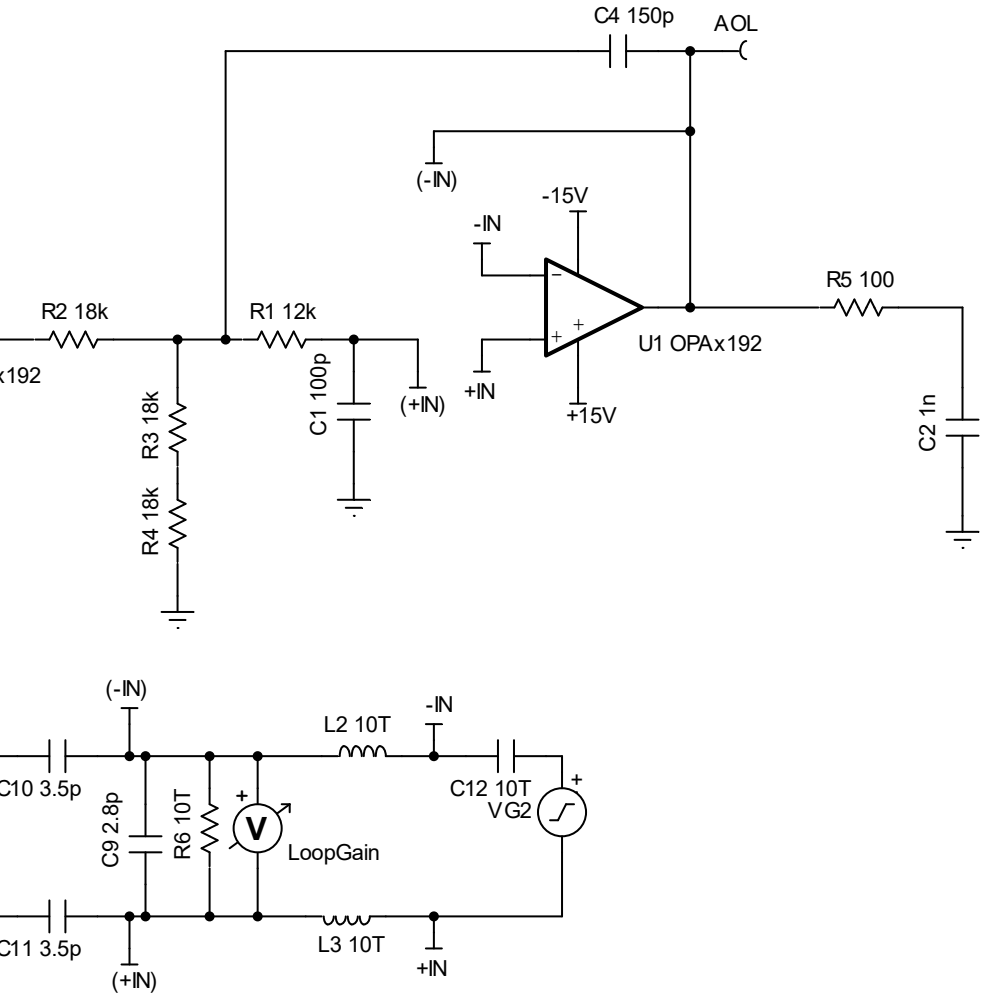




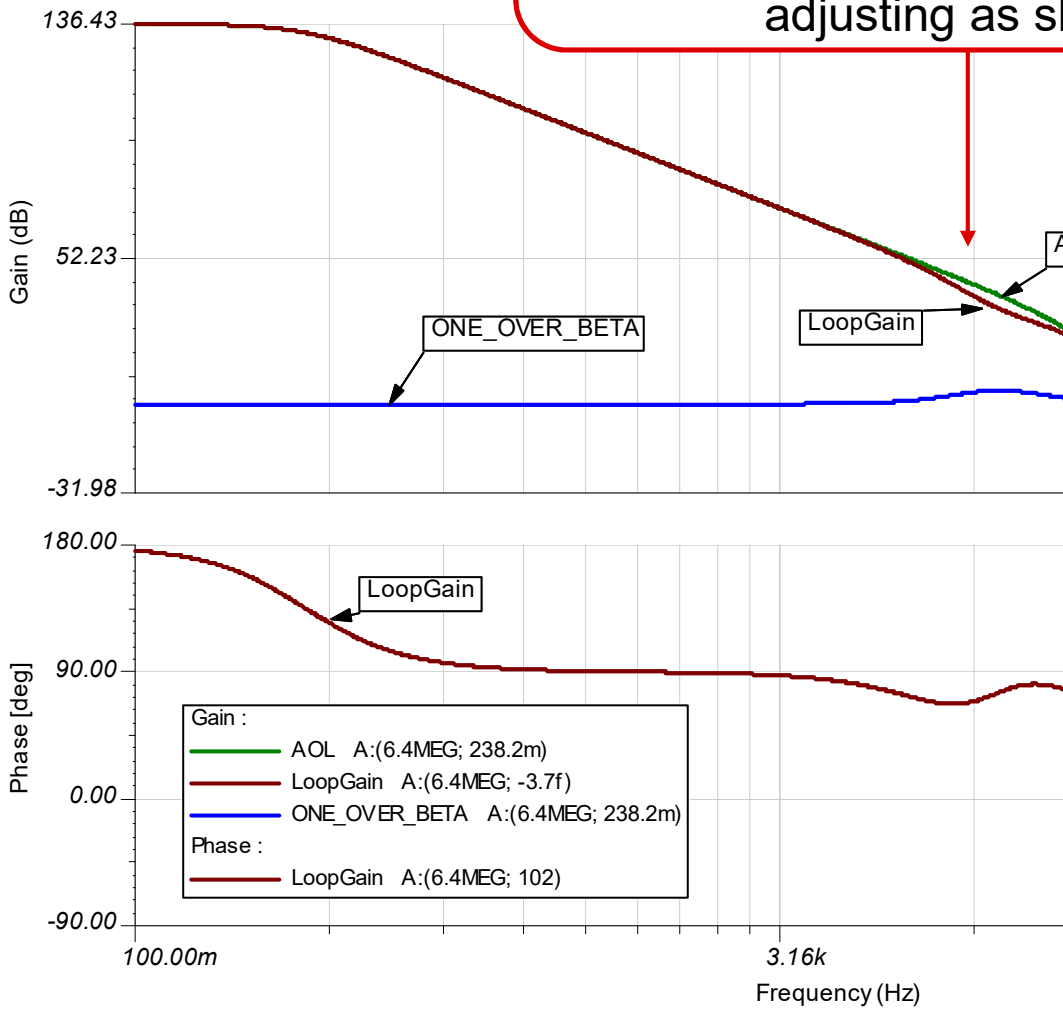
This double zero is likely the reason why the phase margin is zero. I don't like relying upon the double zero.



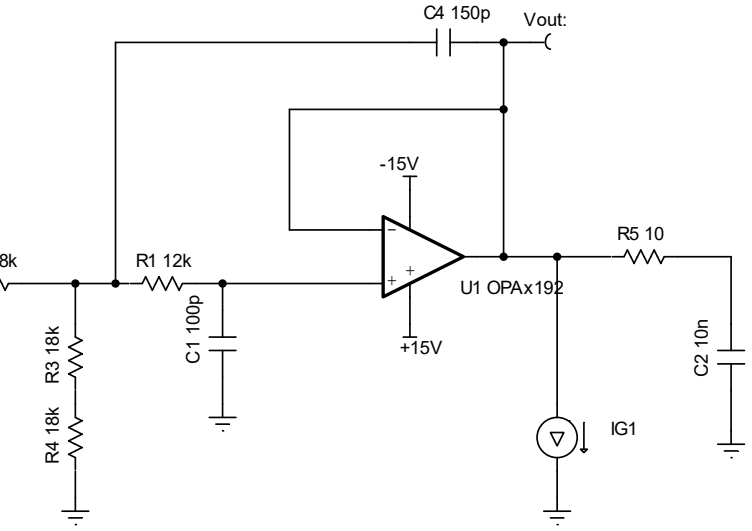
output filter

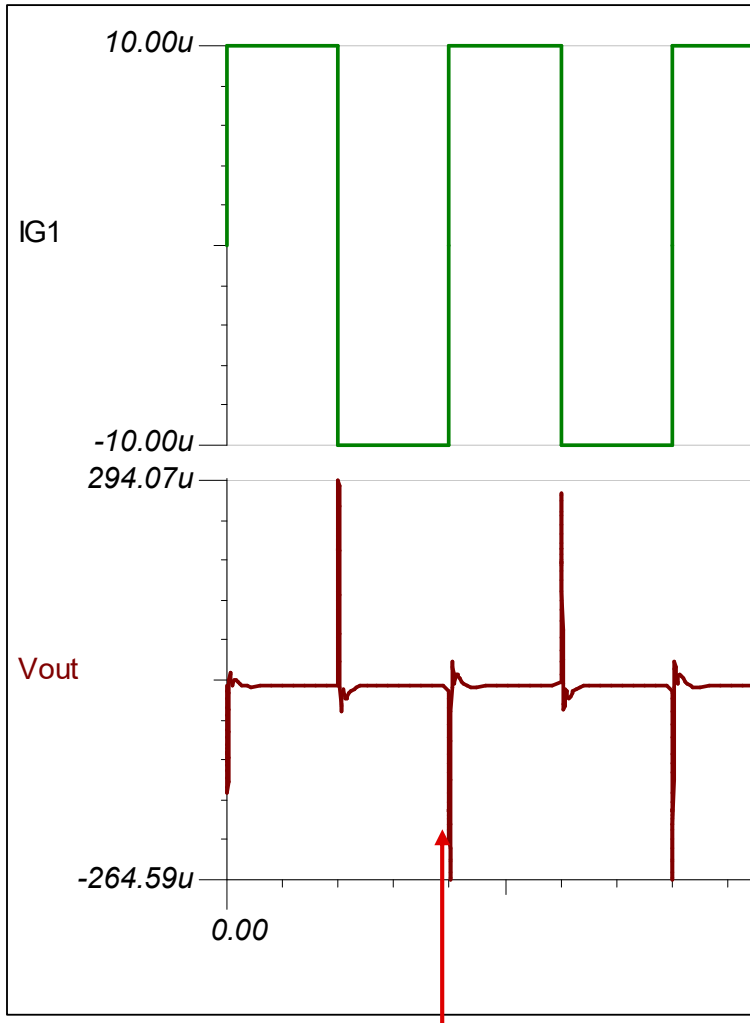


Adjusting the filter eli
40dB/decade rate of c
though the previous ve
good phase margin I w
adjusting as sl

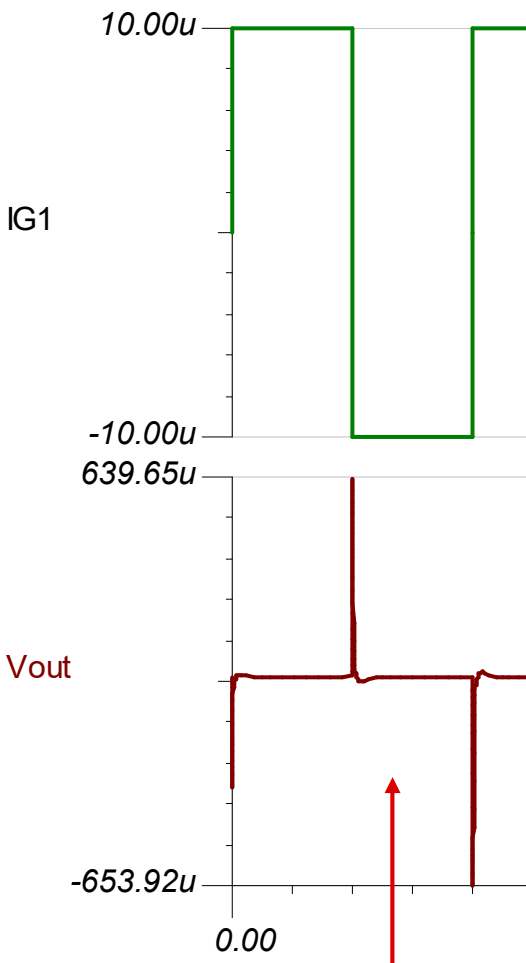


ient test



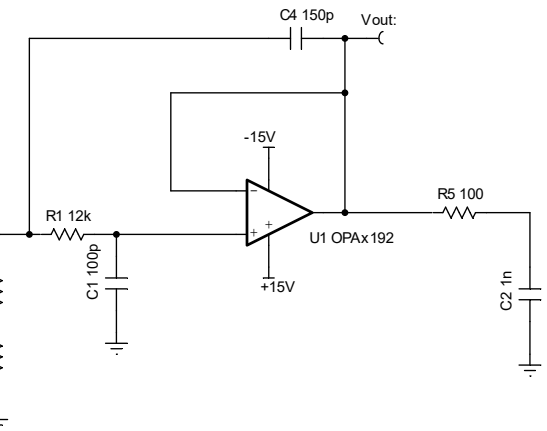


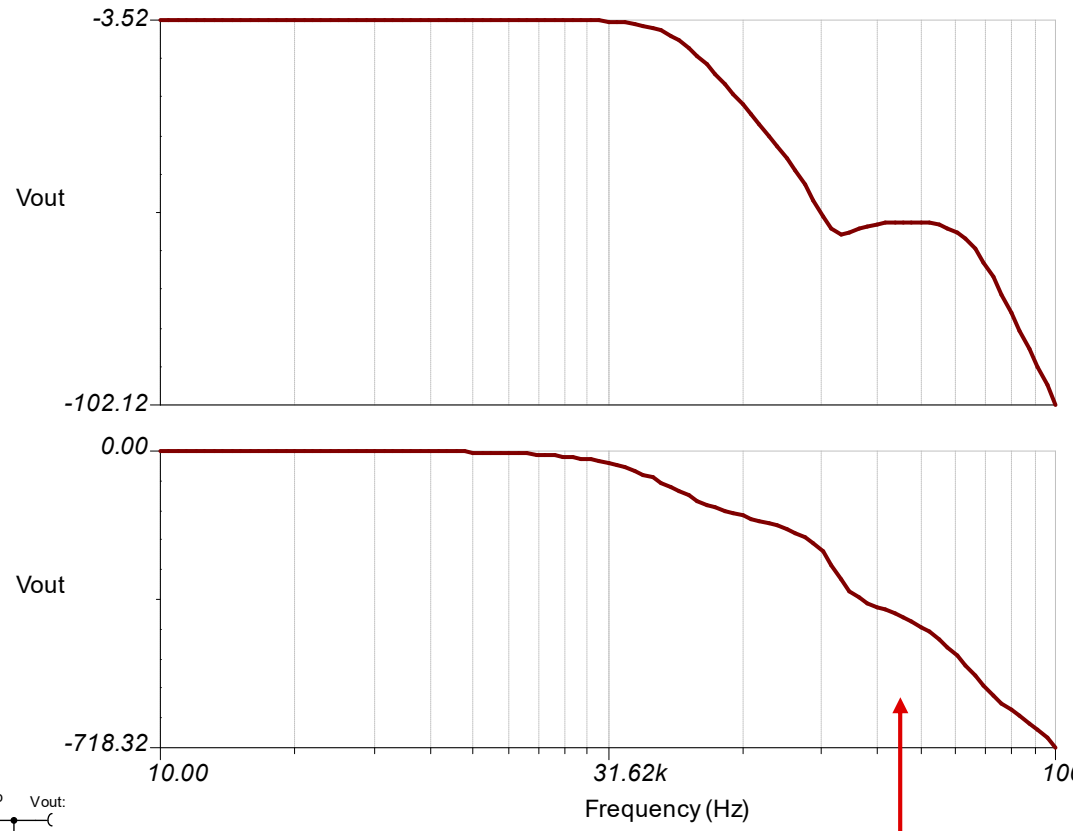
10 x 10nF filter



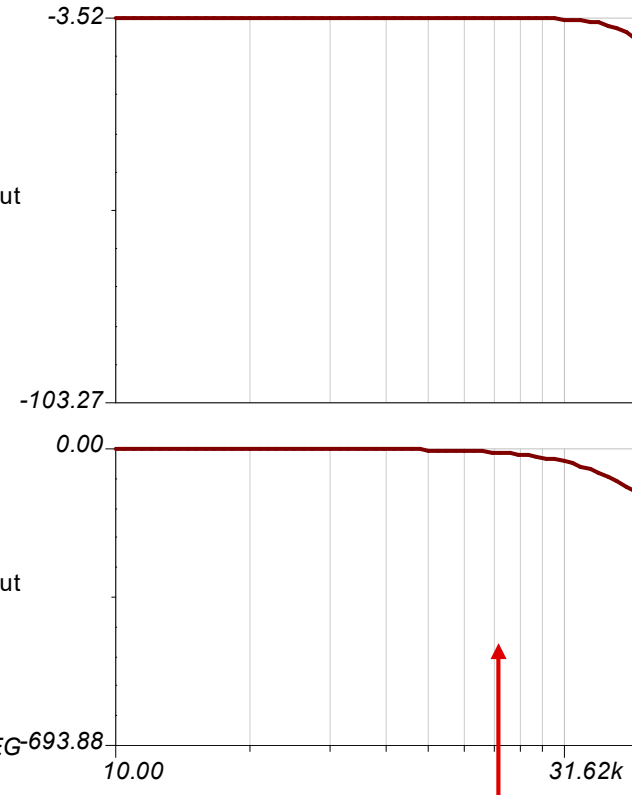
100 x 1nF filte

eaking test



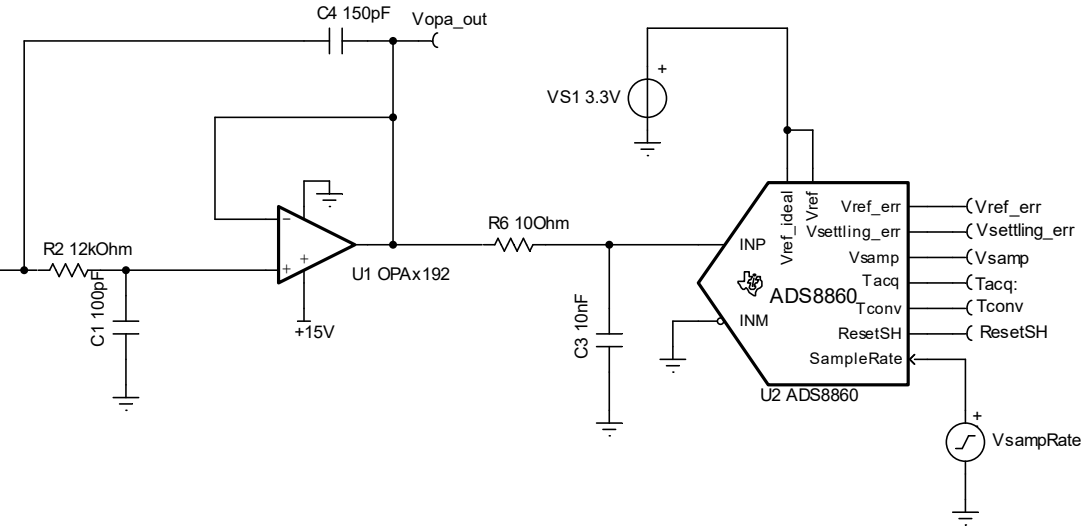


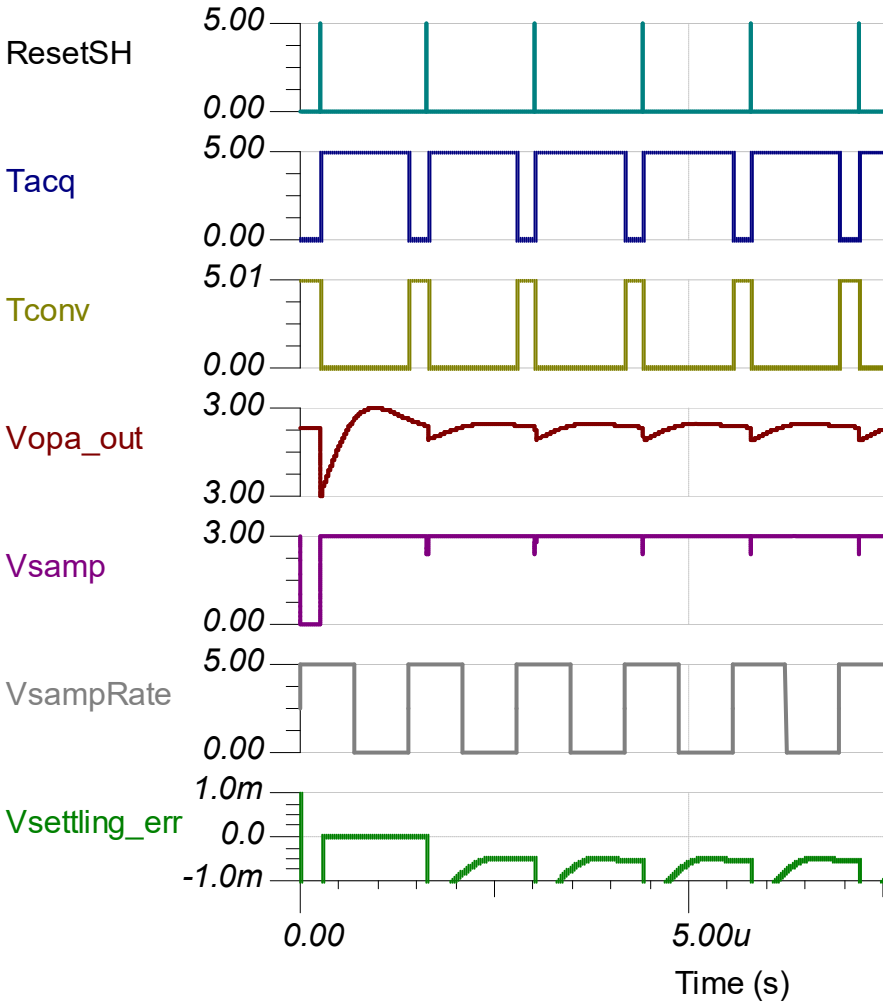
10 x 10nF filter



100 x 1nF filte

drive – original filter 10 x 10n





drive – new filter 10 x 10n