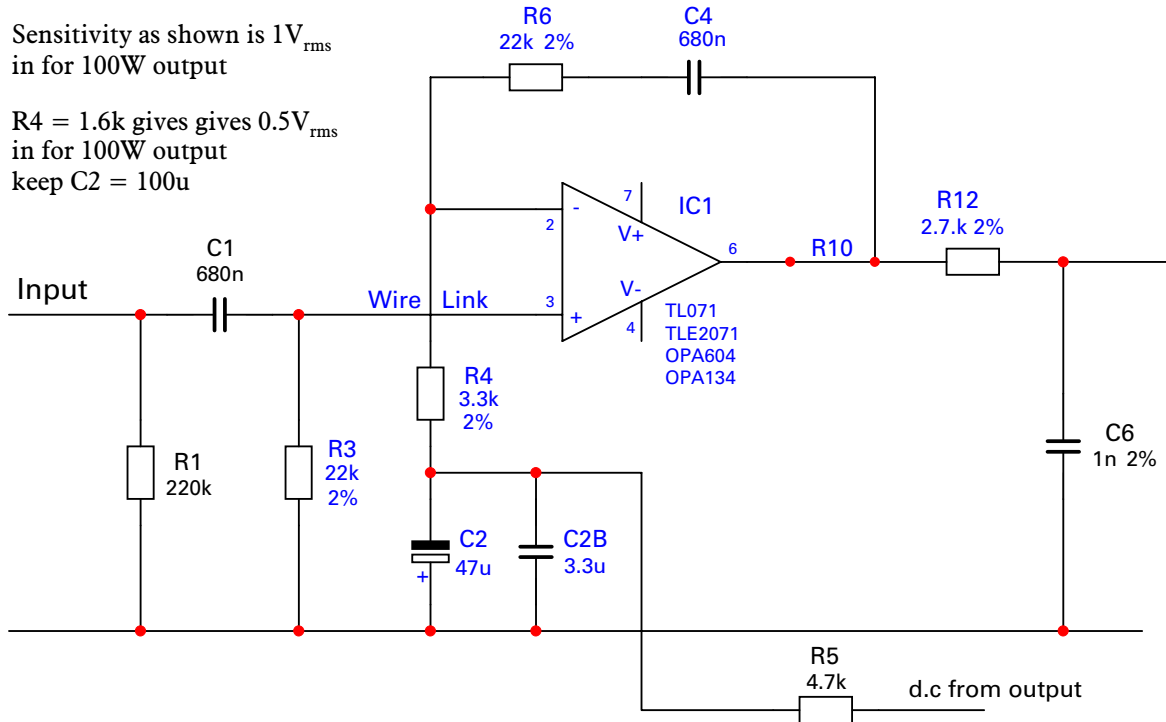


QUAD 405 Non-Inverting Input Modification

Sensitivity as shown is $1V_{\text{rms}}$
in for $100W$ output

$R4 = 1.6k$ gives $0.5V_{\text{rms}}$
in for $100W$ output
keep $C2 = 100u$



The Following information is based on PCB type M12565 iss.3. The layout can be applied to other versions but the instructions below may not relate. See pictures at <https://keith-snook.info>

Cut track to op-amp close to pin 3, remove link pins and zenner diodes D8 and D9.

Replace R10 with wire link, fit new values for R4, R6 and C4.

Fit new R3 standing upright such that it bridges R4 and fits between end of C1 and the hole to ground where the link pin was removed.

Fit wire link from op-amp pin 3 to junction C1/R3, this can follow a path against ground track.

Changing R12 to 2.7k inceases the frequency response to about 59kHz but this may not be suitable where the dumpers are "slowed down" in versions where 1nF capacitor is placed across Tr10 BDY77.