



Based on EN074 p17
and EN073 p14
and EN115 p3
and the Serge Resonant Equalizer
EN073 has equations

EN115 shows that you can
take the sum of the outputs
and put it thru another op-amp
to invert it then use a pot to
mix and you then get either
pos or neg feedback for the QIN

This board is meant to use stacking headers (on J1)
to make a fixed filter bank by plugging a filter board
into the next board's header and so on, and finally to
a "mixer" board. This mixer board (that I haven't
made a schematic for) mixes the outputs and/or inputs
which then go to the out jack and IN pins. Feedback
can be implemented a couple ways. The Serge
Resonant Eq way, by sending the mixed outputs into
the QIN inputs and the filter input to the IN inputs is
one way. Another is to ground the QINs and mix the
filter input with the output on the "mixing" board and
feed that into the INs.
The board should work for either +/-12V or +/-15V.

