

This configuration is for 15dB gain.

For 22dB replace the resistors as follows:

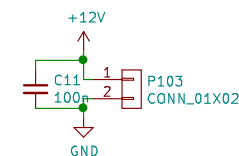
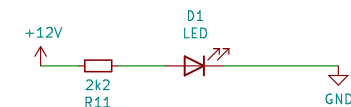
R2 - 470

R3 - 1k5

R10 - 10

(see the "A Termination Insensitive Amplifier for Bidirectional Transceivers" by Wes Hayward)

Higher gain is useful when using e.g. ADE-1 passive mixers with higher insertion loss.



H1 MountingHole

H2 MountingHole

H3 MountingHole

H4 MountingHole

Termination Insensitive IF amplifier board (dual TIA)

PCB layout by Lasse OH3HZB (2022), based on work by Jan OM2ATC.
Original design by Wes Hayward W7ZOI and Bob Kopski K3NHI.

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