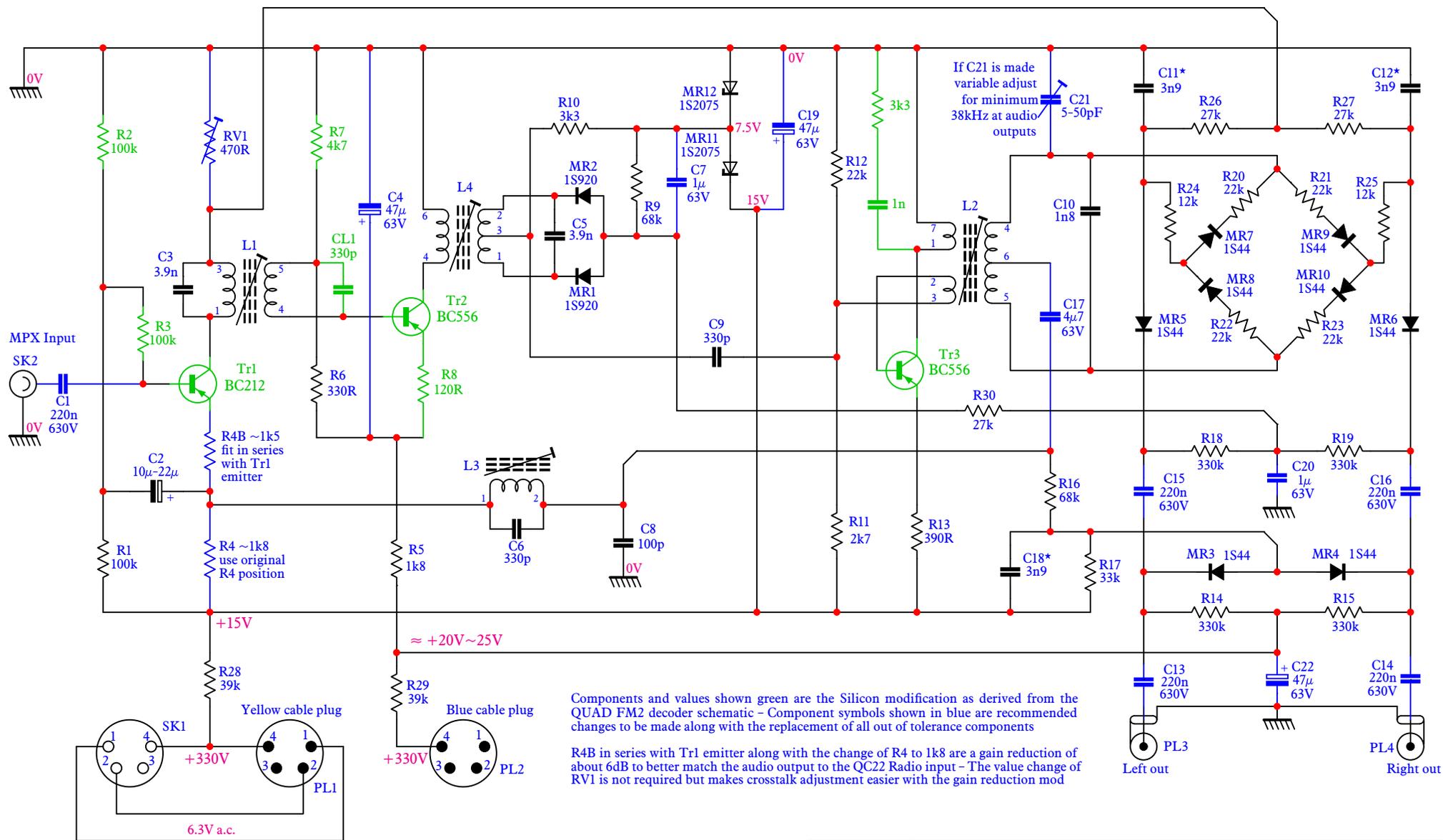


For stereo only listening the Yellow and Blue plugs can be swapped at the QUAD 22 to reduce the load on the yellow channel which also powers the QUAD 22. The blue plug only provides HT for the 38kHz sync multiplier but also has 6.3V a.c. for heaters. If also using the AM tuner or a second mono FM1 fit the MPX decoder Blue plug in the Black socket and use the Blue for the second tuner. The Yellow and Black are wired parallel and severely load the Yellow QUAD II with tuners on the Yellow and Black sockets.

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Components and values shown green are the Silicon modification as derived from the QUAD FM2 decoder schematic - Component symbols shown in blue are recommended changes to be made along with the replacement of all out of tolerance components

R4B in series with Tr1 emitter along with the change of R4 to 1k8 are a gain reduction of about 6dB to better match the audio output to the QC22 Radio input - The value change of RV1 is not required but makes crosstalk adjustment easier with the gain reduction mod

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QUAD MPX Decoder Silicon Mod

28 June 2011

Drawn: K. Snook

Checked:

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