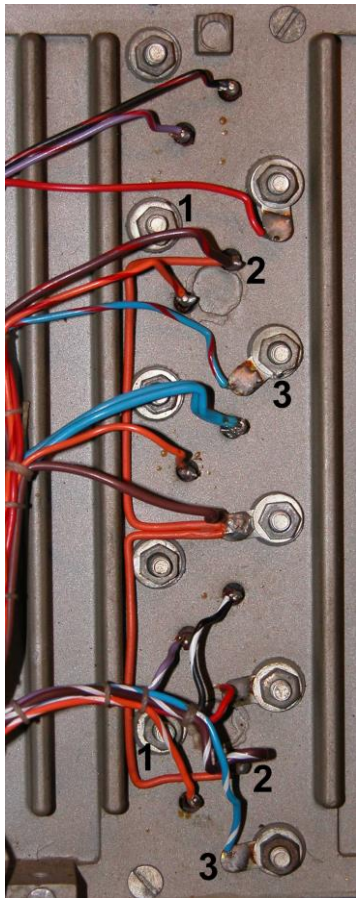


Converting a Quad 303 output stage to NPN/PNP and other information. V 2.1



A: Replace transistors

Counting from the top of the amplifier, transistor number two (2) and five (5) must be replaced by MJ15004 (assuming transistor number one (1) and four (4) are MJ15003). Also the connections of the wires must be changed during the re-soldering process.

De-solder the wire from the eyelet at point 3. Use the eyelet to connect the two wires from point 2 to point 1. Connect the wire which was previously connected to the eyelet to point 2.

The same recipe for the bottom (5) transistor.

Also resistor R126 and R127 in both channels must be carefully removed and reverse their positions on the printed circuit board and re-solder them.

For best results: replace the output coil L100 by a high quality coil.

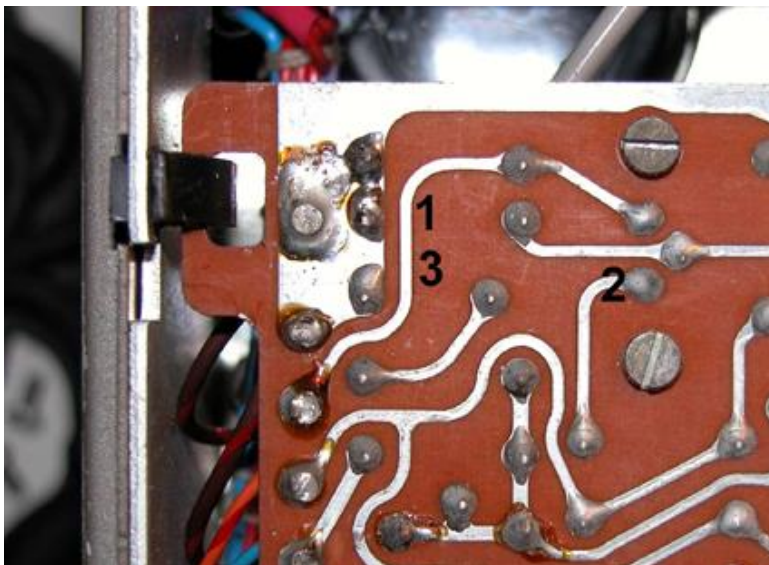
http://dadaelectronics.axxs.be/_product_44929/7%2c0%c2%b5H_6A_Epcos

B: To correct the drive signal of the PNP output transistor.

Cut the copper track at position 1.

Connect a wire between point 2 and the copper track at point 3.

Repeat the process for the other driver board



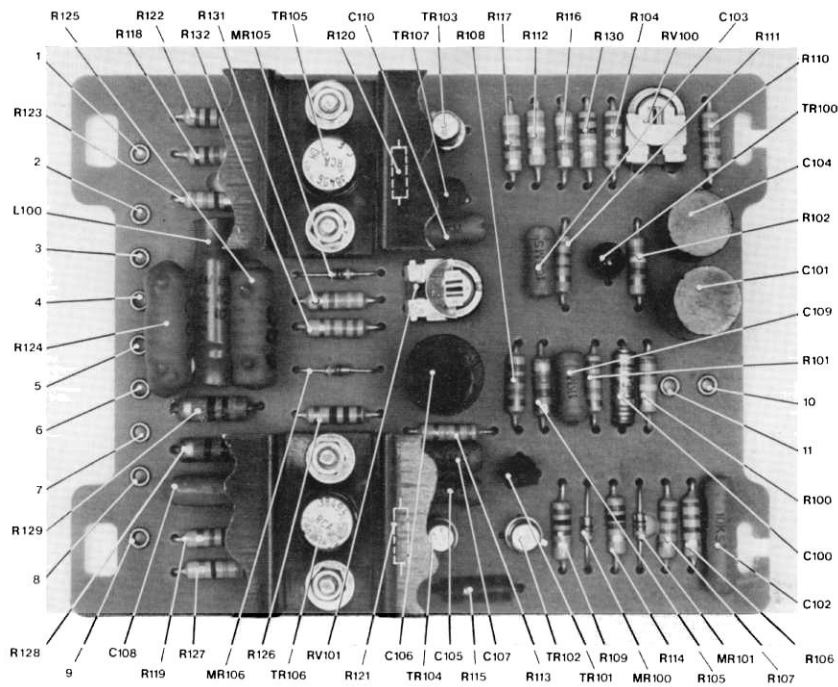
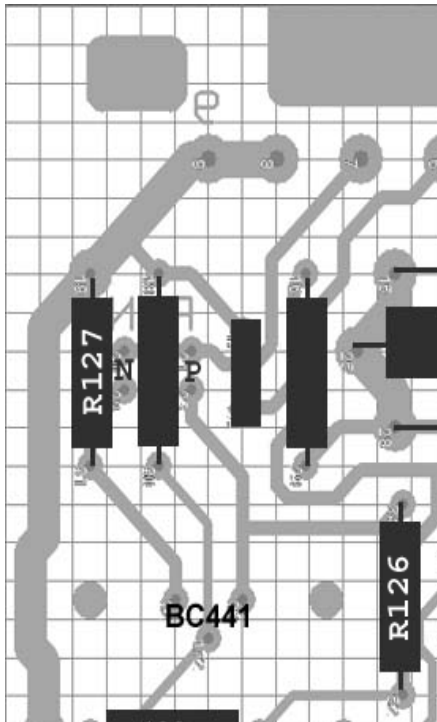


Fig. 11 (b) Driver Board M.12038 (issue 10)

C: Converting the DaDa High End boards up to version 22.



If you want to change the DaDa 303 boards up to version 22 to NPN/PNP output stage, remove the wire bridge from position N and replace to position P, by re-soldering and soldering. Also reverse R126 , R127 position wise and replace the two transistors, as described in the first paragraph.

Input sensitivity:
 pos 1 0.5 V
 pos 2 1.6 V
 No jumper 5.0 V

The position number is at the copper side of the board.
 Standard setting is position 1