

PYRAMID AUDIO

305 E. Braker Lane, Austin, TX 78753

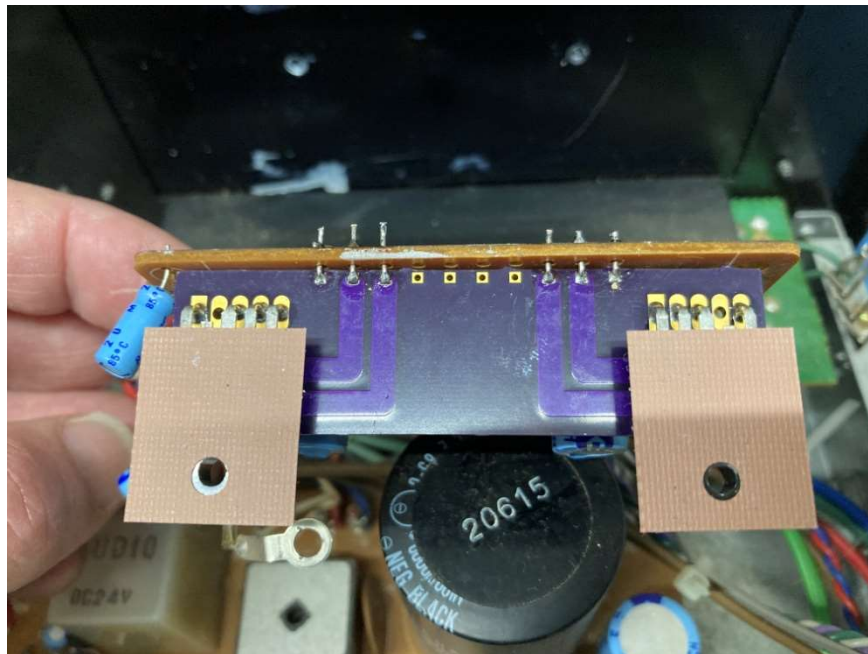
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Replacing the Sanyo STK0080 with the Pyramid Audio STK0080+ is simple. Remove the top cover. Remove the two screws that hold the STK0080 in place. The heat sink paste that was used in the past, is quite sticky at this point. Put two small Phillips or Torx screwdrivers one into each hole and pry it off.

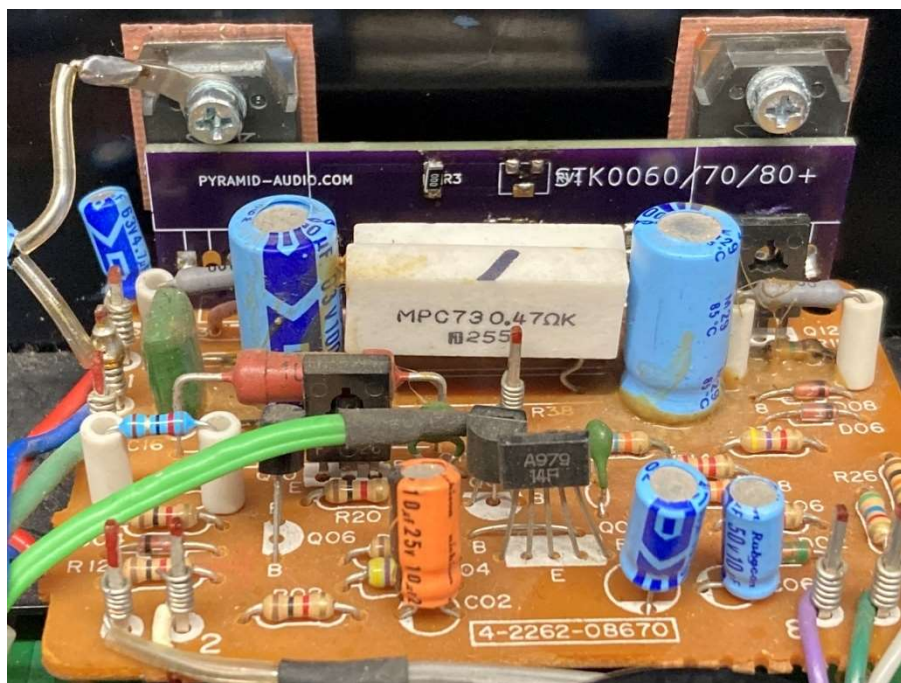
Now the circuit board and IC can be moved up and out of the way. Take a razor blade and scrape off all the heat sink paste you can from the heat sink. Clean the residue off with an alcohol soaked paper towel. 70% alcohol is available at most grocery stores in the pharmacy. Less than two dollars for a pint. You can't drink it.





Take the new part and fit the new STK0080+ flush against the driver board. Solder the six pins. Apply the peel and stick thermal pads to the BACK of the transistors, do not use thermal paste.

Screw it to the heat sink with the provided screws. The 80+ is thinner than the old part so you have to use shorter screws. They are the same metric specification and should go in easily.



The best performance will be obtained if you pull and replace the speaker relay or disassemble the speaker relay and clean it. You will also need to re-lube the input selector and the speaker selector switch, in fact just go ahead and Deoxit everything that moves. Don't forget to check the speaker fuse holders on back panel, a loose fuse causes distortion too.

Measured performance at 400 Hz

0.0097 0.8 watts

0.0039 8.0

0.0032 16

0.0032 32

0.0033 80

Two channels 0.0020% 100 W is way more than specified.

One channel driven is 120 W 0.0019% 400 Hz !

N -74 dBV 22-22K