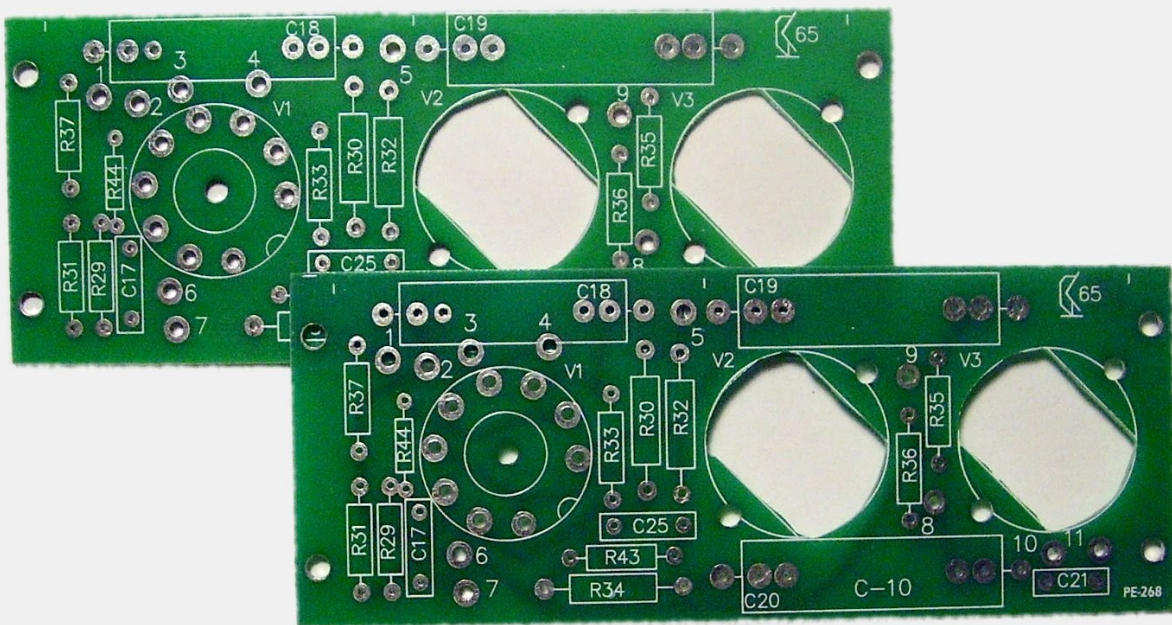


Simple Performance Enhancement

for the
6GH8A based SCA-35 Main Board

by
Classic Valve Design



During our experimenting with this new offering, it was determined that extended bass response will occur by reducing the feedback resistor, R37, to 30K from the existing 82K.

This will reduce the overall sensitivity of the SCA-35, but may not be a problem if your system is capable of extra gain.

When you lower this resistor value, it **must** be bridged with a 150pF capacitor of good quality (silver mica recommended). This capacitor is required so the output transformer overshoot (a naturally occurring phenomenon) doesn't break into supersonic oscillation. Such oscillation may or may not be heard as a rushing noise or hum. But such oscillations can damage output tubes, transformers and speakers.

Below is a graphical representation of the component change. If you are using 1% resistors in your SCA-35, the nearest value is 30.1K and will not affect this modification.

Replace the 82K resistor for R37 with this combination....

