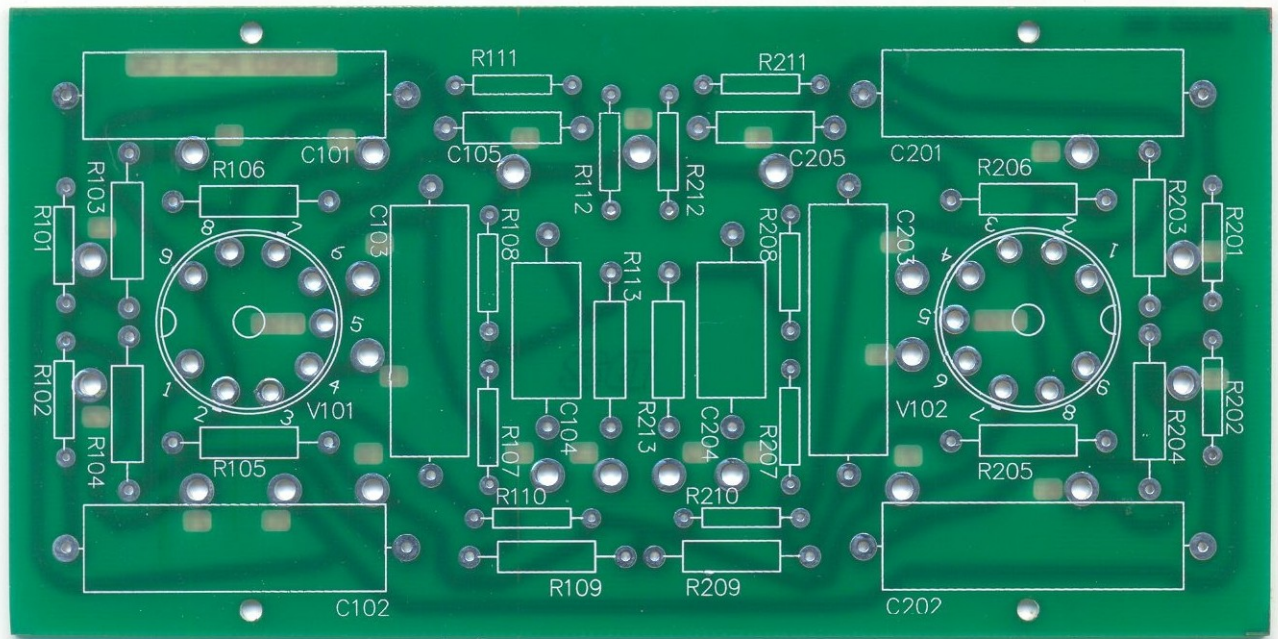


ST-70 Clone

(classic schematic)

Driver Board

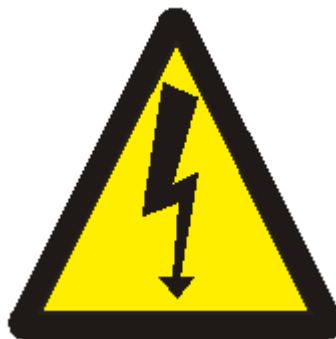


Classic Valve Design

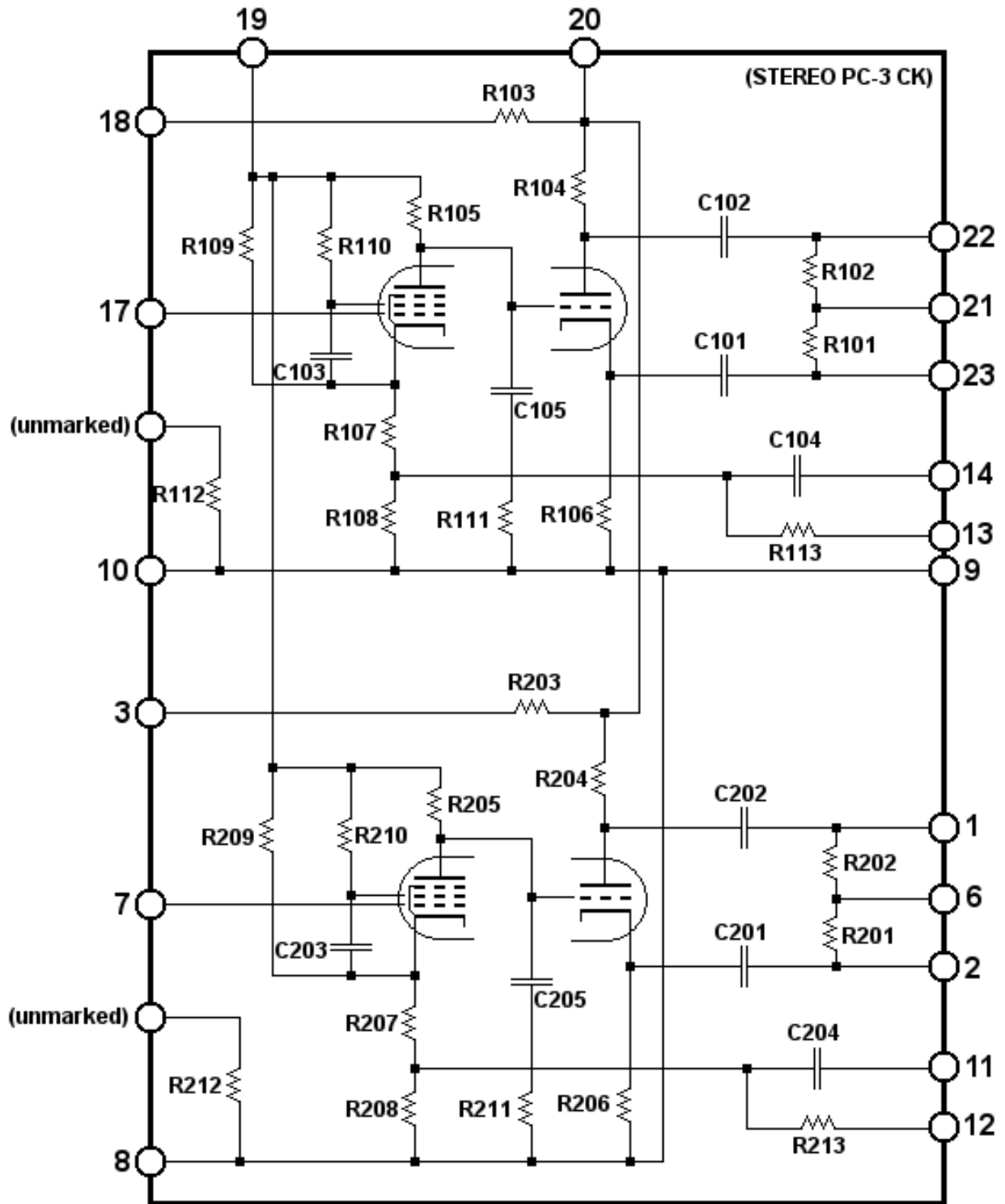


Classic Valve Design assumes no responsibility for circuit or user damage from the use or misuse of these boards or any other product. We simply provide these on an AS-IS basis with workmanship quality as the only thing guaranteed at this time.

This product is designed for and use around **LETHAL VOLTAGES**. We assume the user has a reasonably competent grasp of line operated electronics at the time of sale.



Schematic



This board is based on the classic Dynaco® ST-70 circuit schematic and is designed to be a high quality upgrade/repair/replacement for the original phenolic PCB. Pad numbers and off board connections are the same as in the original.

Parts List

Parts numbered in the 100's mean left channel, 200's are right channel.

Resistors:

R101, 102, 201, 202: 270K, 1/2W, 5%

R103, 203: 18K, 2W, 5%

R104, 106, 204, 206: 47K, 2W, 5%

R105, 205: 270K, 2W, 5%

R107, 207: 620 ohms, 1/2W, 5%

R108, 208: 47 ohms, 1/2W, 5%

R109, 209: 330K, 2W, 5%

R110, 210: 1.5Meg, 1/2W, 5%

R111, 211: 18K, 1/2W, 5%

R112, 212: 10 ohms, 1/2W, 5%

R113, 213: 1K, 1/2W, 5%

Capacitors:

C101, 102, 201, 202: 0.1uF/630V, film

C103, 203: 0.047uF/630V, film (original given as 0.05uF)

C104, 204: 390pF, silver mica, 1000V

C105, C205: 82pF, silver mica, 500V

Original Dynaco film capacitors rated 400V. 630V is better and 600V is OK too.

Valves:

V101, 102: 7199

Misc:

2 x 9-pin noval PCB mount valve sockets.

Original ST-70 Schematic (for reference)

