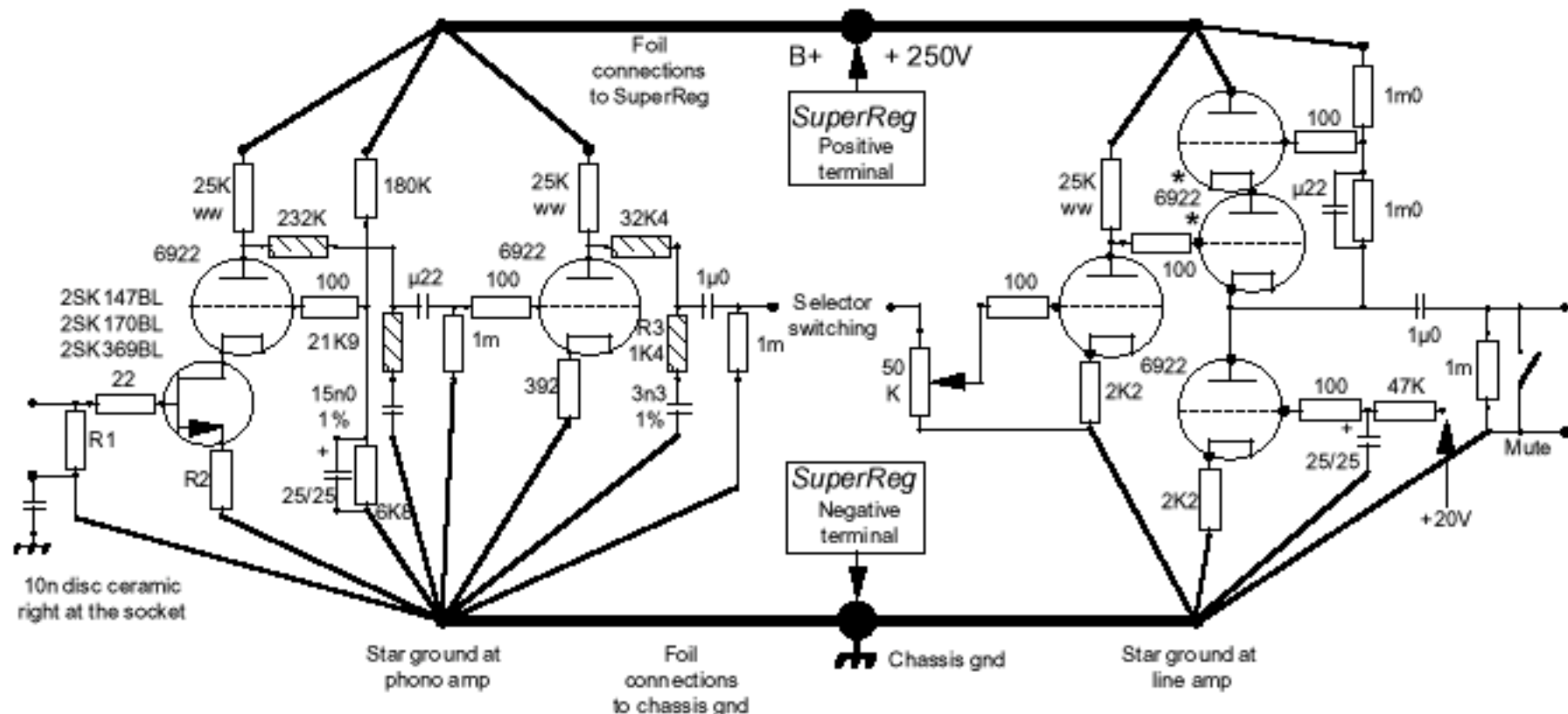


This upgrade to the FVP5 should be called the SVP1, but to try and maintain some tradition I prefer to call it the FVP5A. Whatever—it's considerably better sonically than the hybrid line stage FVP5, and well worth the the extra tube!

SEPH1x88-1 kit module

SELT2x88-2 kit module

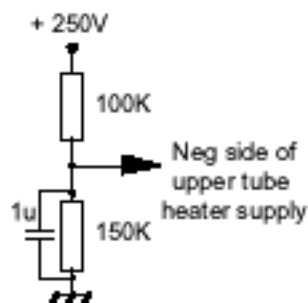


- R1 to suit cartridge
- R2 sets the phono stage gain and can range from 15R to 150R. Typically 47R for most MC's.
- For MM usage set R1 at 100R and change the 392R in the second cathode to 1K6
- The input jfets should be well matched channel to channel
- The +20V can come from a separate supply or a 230K/20K divider from the B+

are RIAA critical and may need trimming

NB The 6922 marked * must have a separate heater supply that is elevated ~150V above ground by a voltage divider, as shown. This is to ensure the heater/cathode rating of this tube is not exceeded. This heater supply may be shared across channels.

All the other tubes can operate from the same heater supply, ideally this should also be raised above gnd, by ~30V.



The gain control MUST maintain an exact 50k impedance at all positions to ensure the RIAA EQ does not change with volume settings. A pot is fine but some switched attens are not!

The line stage could use other hi transconductance but lower gain tubes with benefit, such as the 5687, E182CC or the Sovtek 6H30pi. But forget the Svetlana 6n1p—it's not a substitute—no matter what they claim! You will have to play with the 2k2 cathode R to get the anode voltage to the desired 100V

FVP5A schematic

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