

CA35

The phono stage consists of three sections of amplification based around triode valves, each half of the valves are dedicated for one channel.

RIAA equalisation is provided by a negative feedback loop from the output of the third valve to the input of the first valve.

Extra gain which is necessary for moving coil cartridges is catered for by a special input transformer, this also provides the required input impedance change.

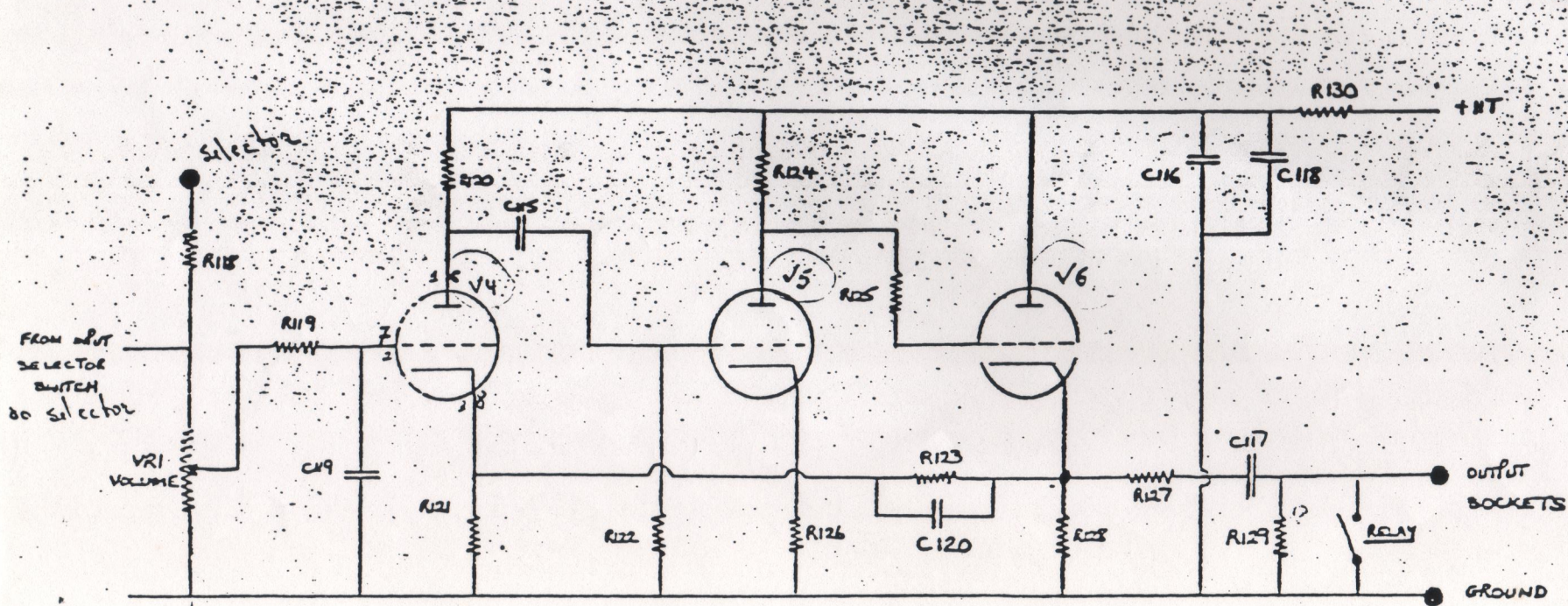
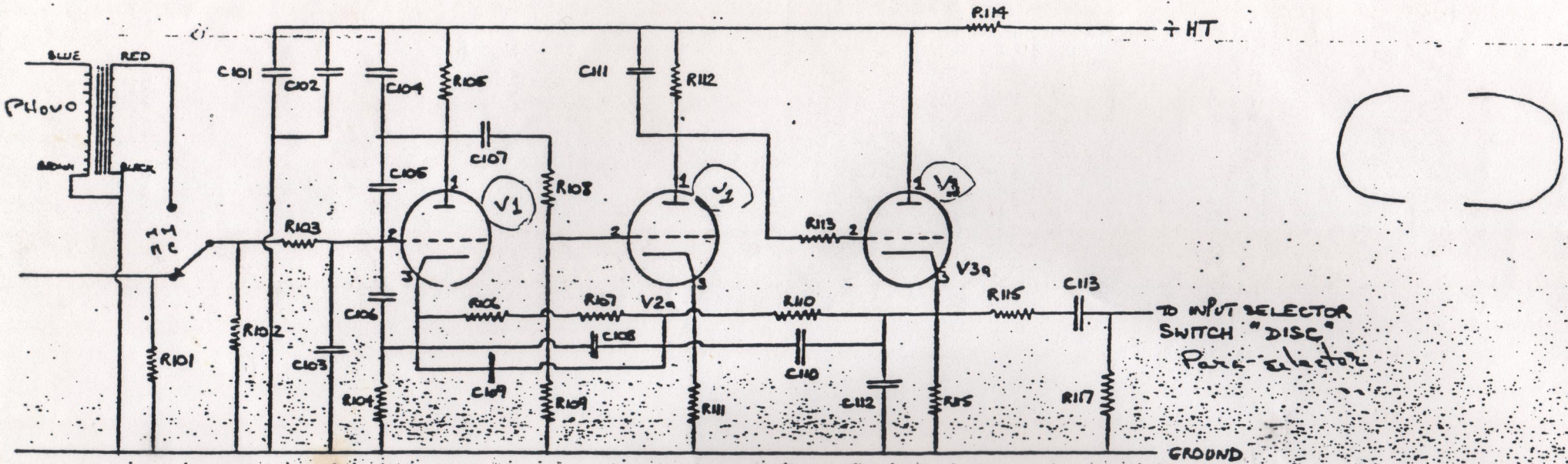
The output of the phono stage feeds to the input selection switch and volume control respectively, after the volume control the signal is fed into the line amplifier.

The line amplifier consists of three sections of amplification, based around triode valves configured in cathode follower, a small amount of negative feedback is applied to this stage to maintain an even gain between left and right channels.

To ensure correct working conditions and the removal of DC' thump, a relay is provided, this shorts the outputs for a predetermined amount of time.

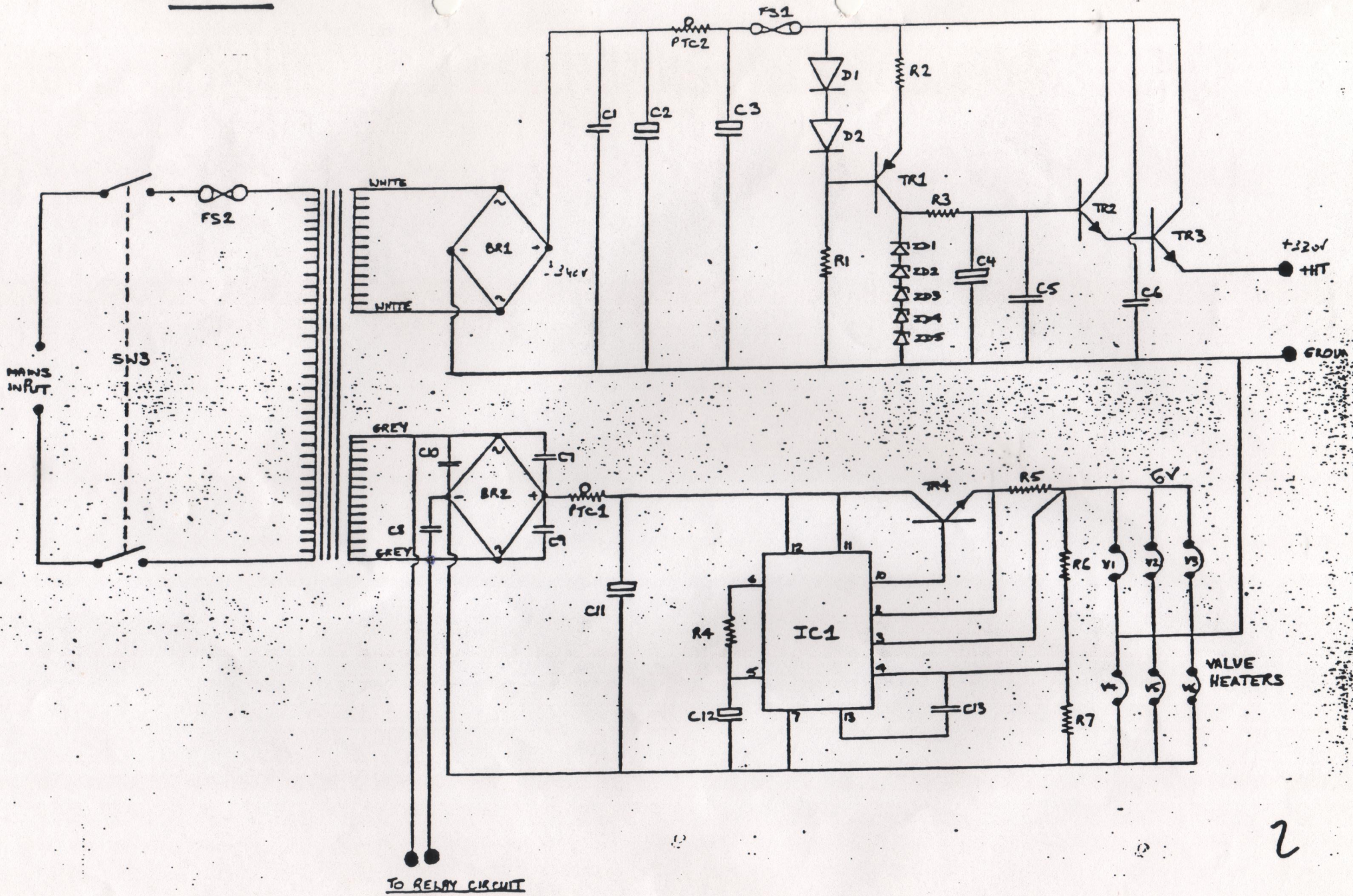
All the powersupplies feeding the valves are regulated ensuring a minimum of hum and noise is present on the signal lines.

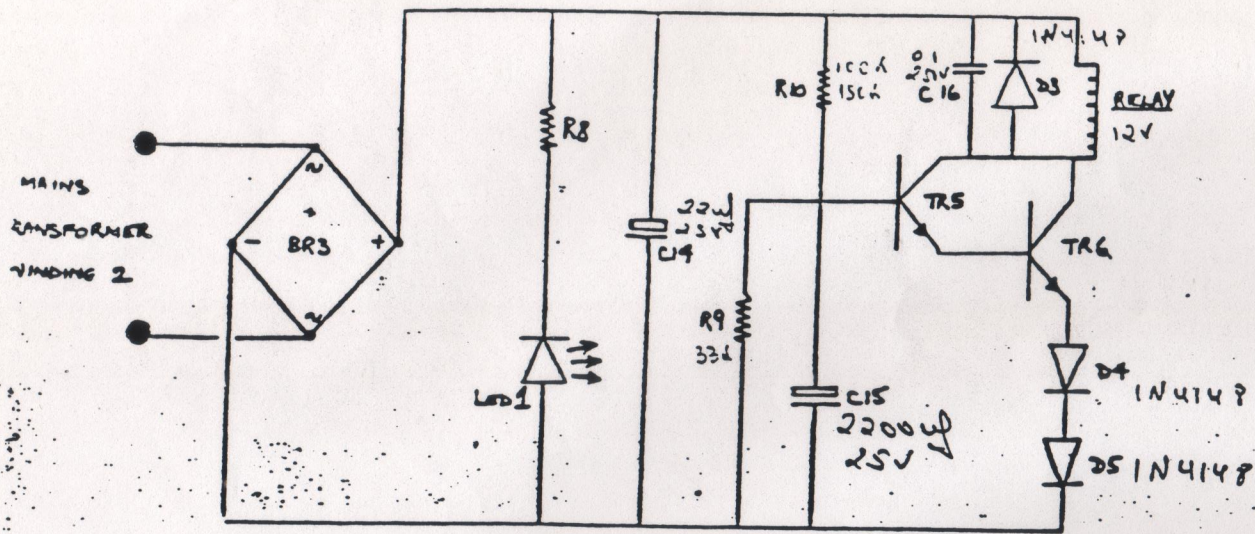
CA-35. Pre-Amplif.



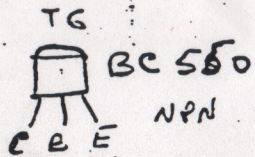
- V1 - ECC-83
- V2 - ECC-83
- V3 - ECC-82
- V4 - ECC-82
- V5 - ECC-82
- V6 - ECC-82

UN 33.



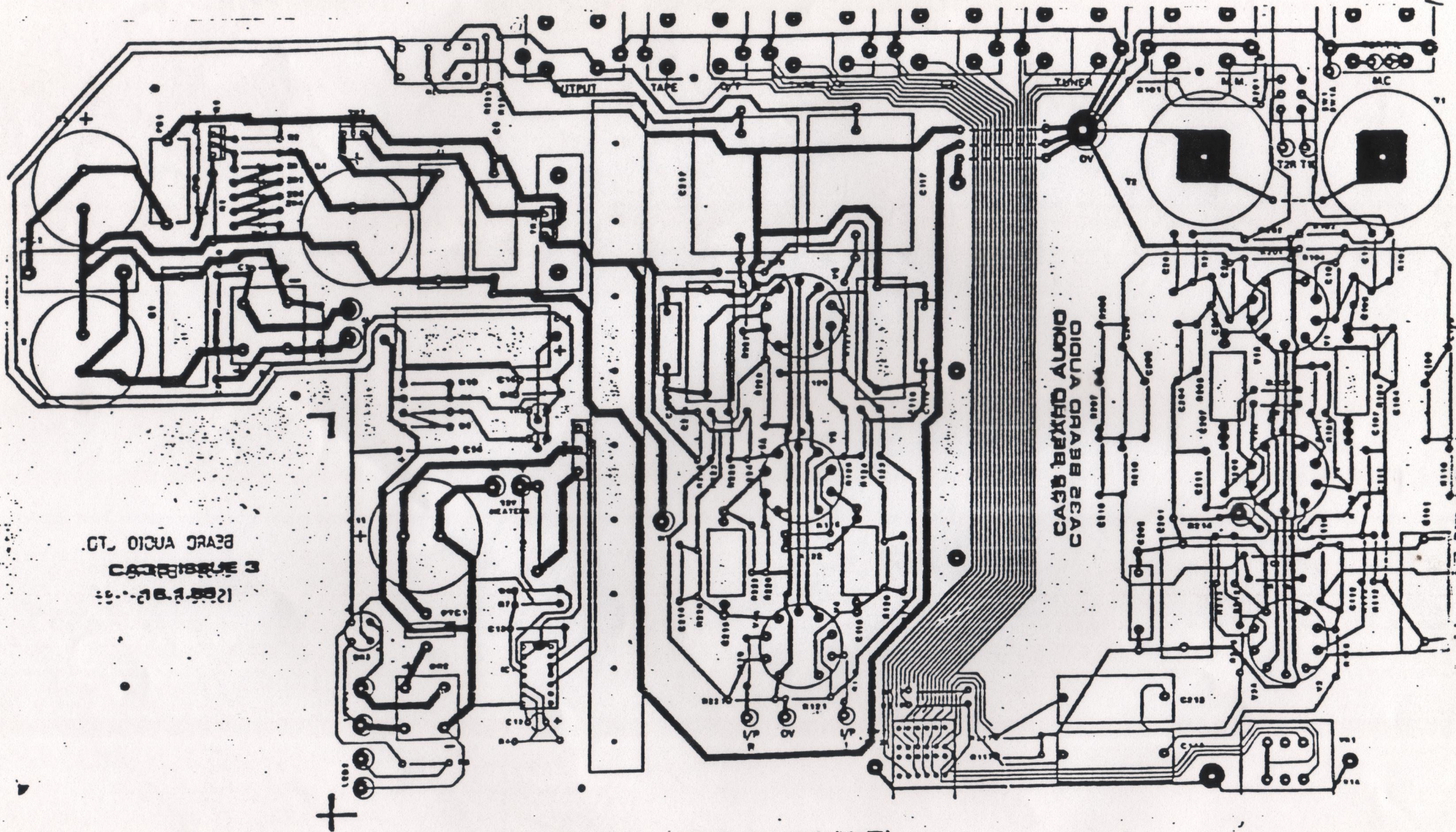


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GT. 010UA 0RA2B
C322818UE 3
1265 P-12-55

CA32 BEARER AUDIO
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REDUCE TO 16,000ms ± 0.0051

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