

Author: Jordan Aceto
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Sheet: /
File: A200_tube_amp.sch

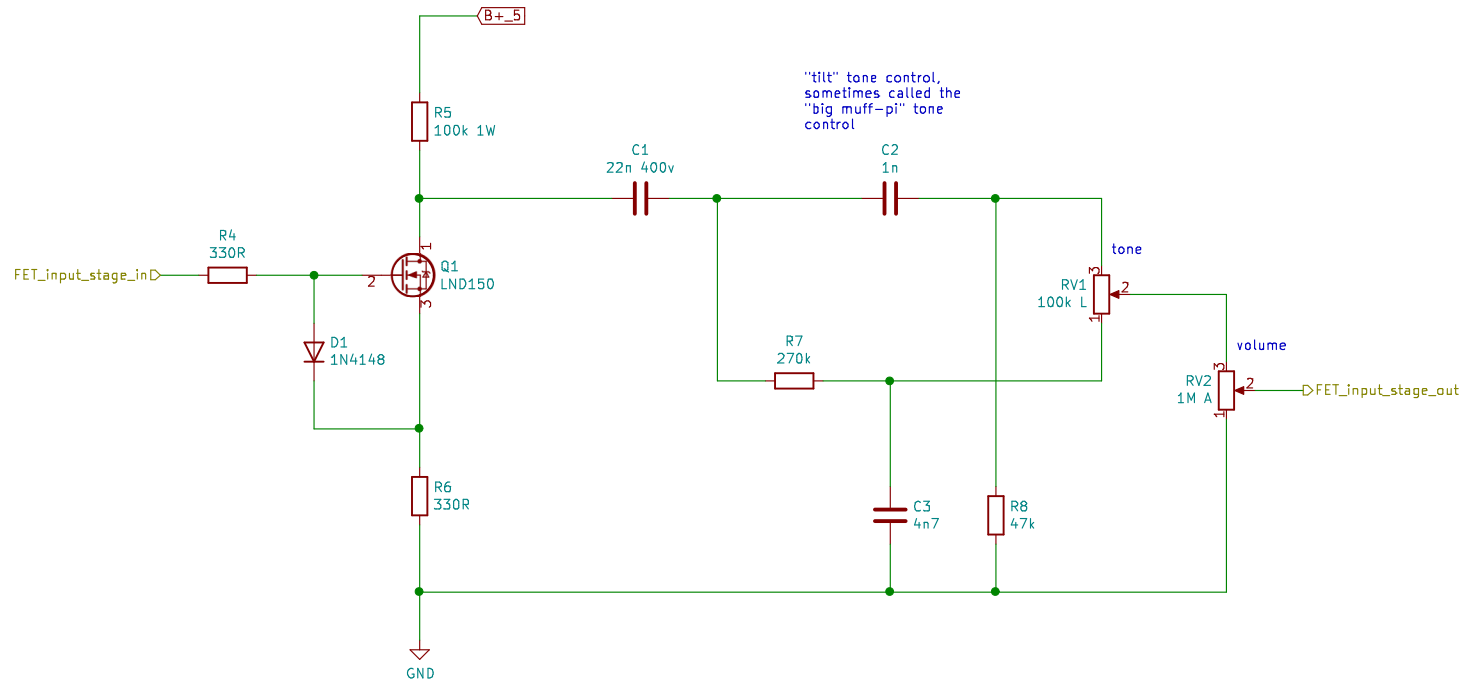
Title: A200 12 watt class AB tube amp

Size: A4
KiCad E.D.A. kicad 5.1.10-88a1d61d5888ubuntu20.04.1

Date: 2021-06-19

Rev: 0

Id: 1/9



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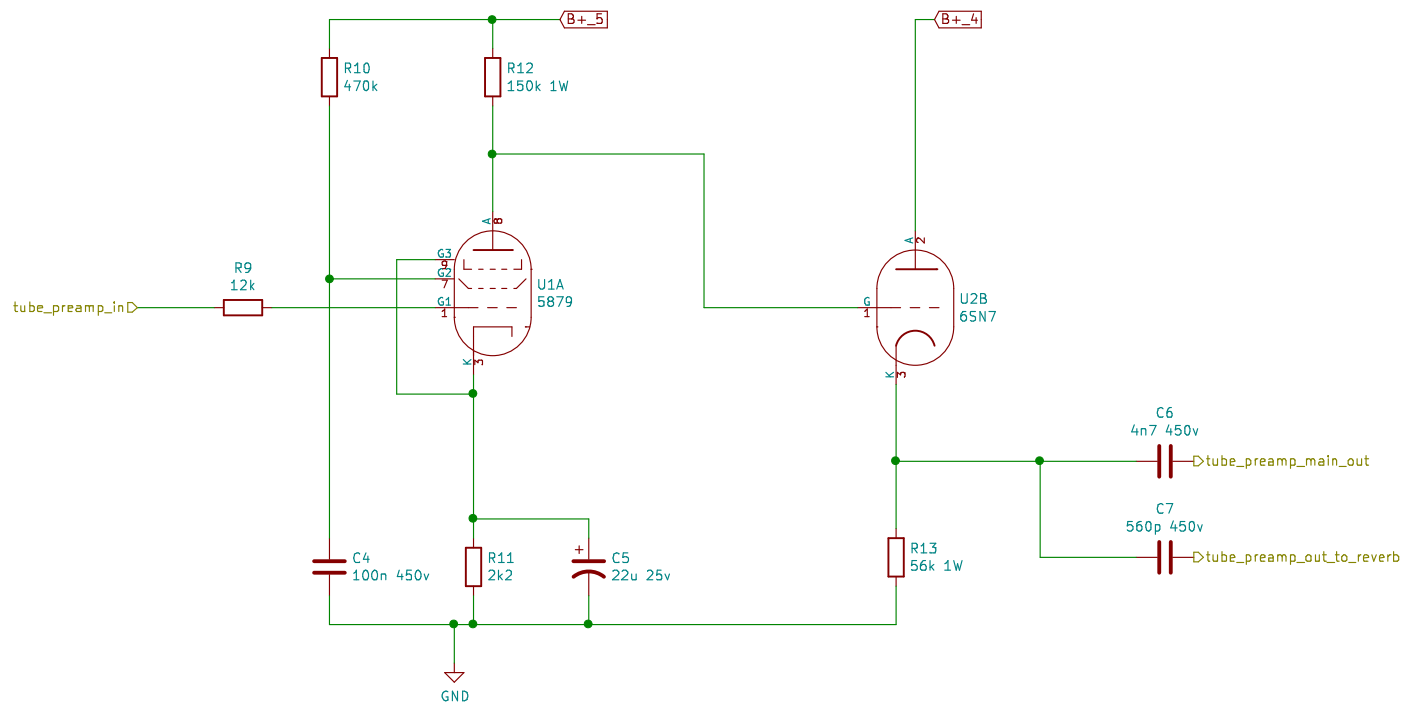
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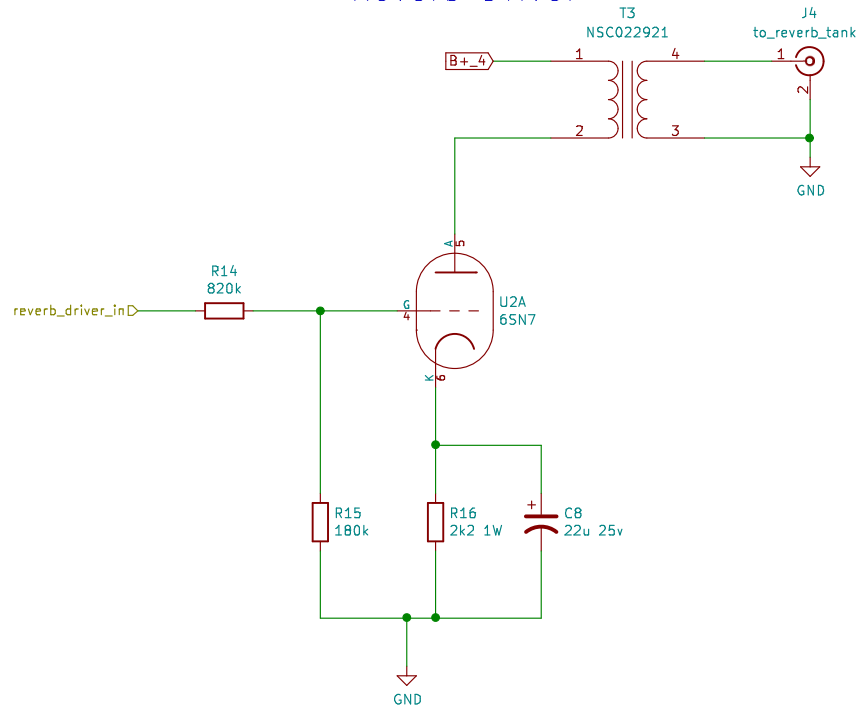
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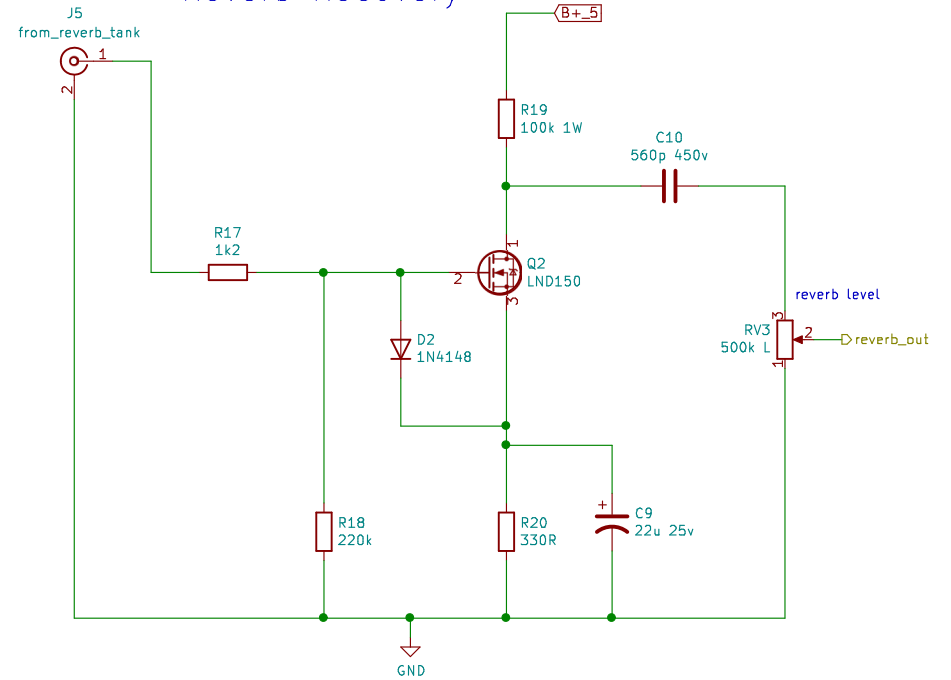
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Reverb Driver



Reverb Recovery



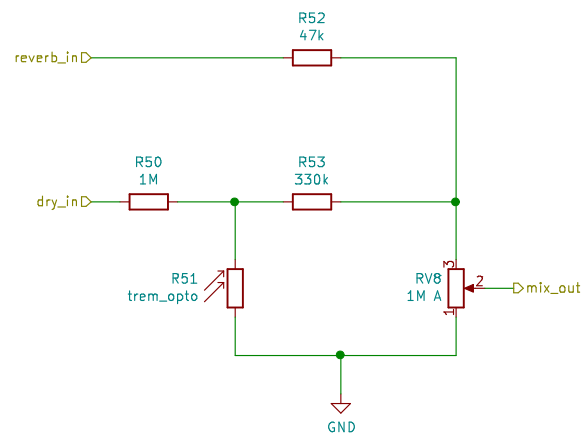
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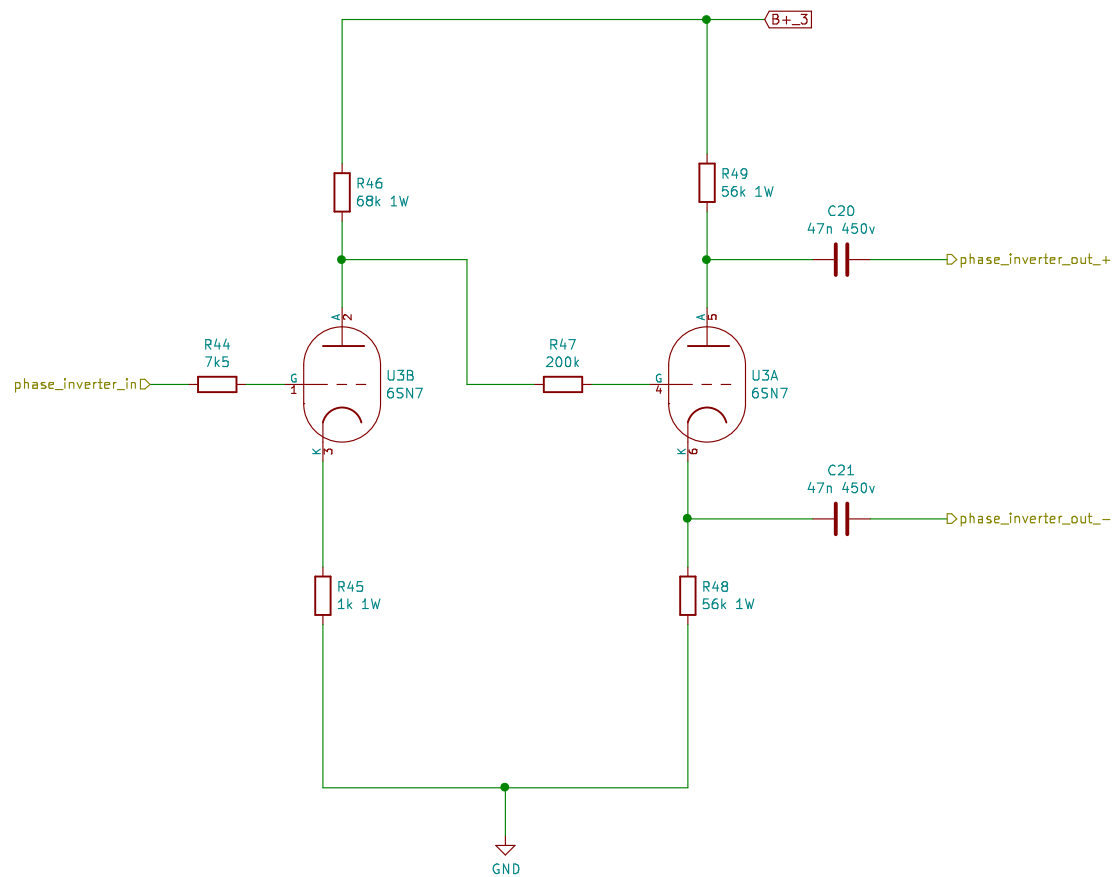


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Sheet: /trem_and_wet_dry_mixer/
 File: trem_and_wet_dry_mixer.sch

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Sheet: /phase_inverter/
 File: phase_inverter.sch

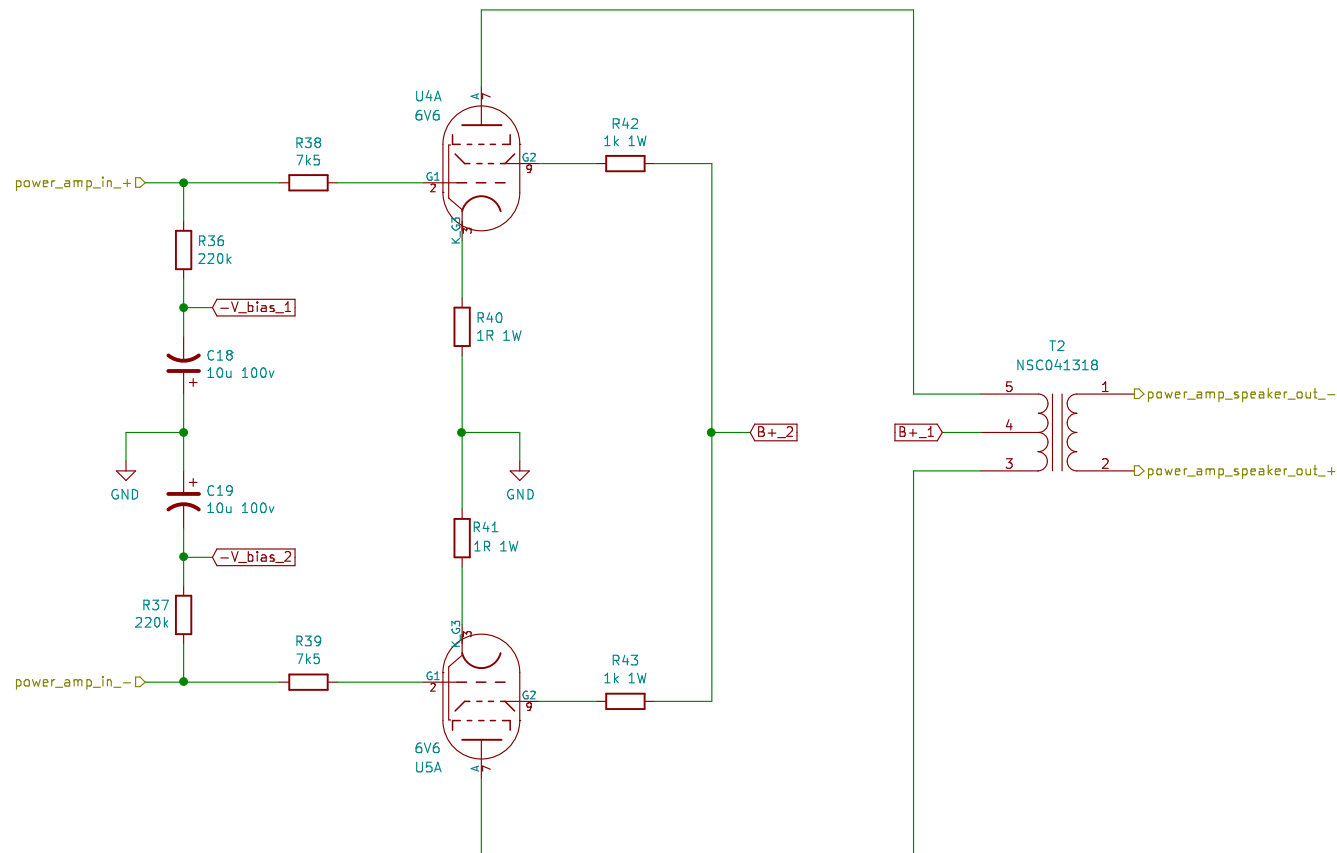
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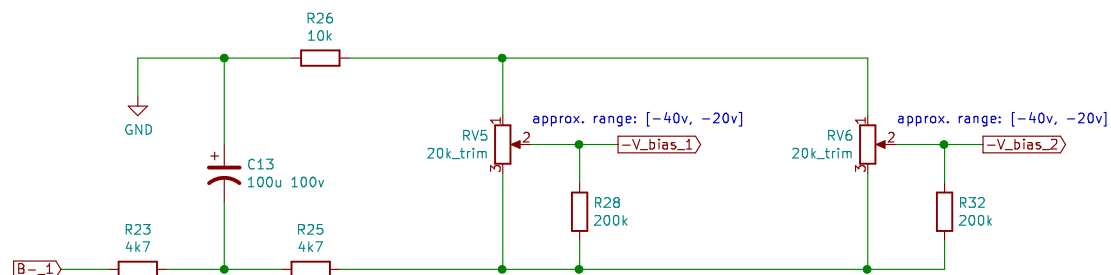
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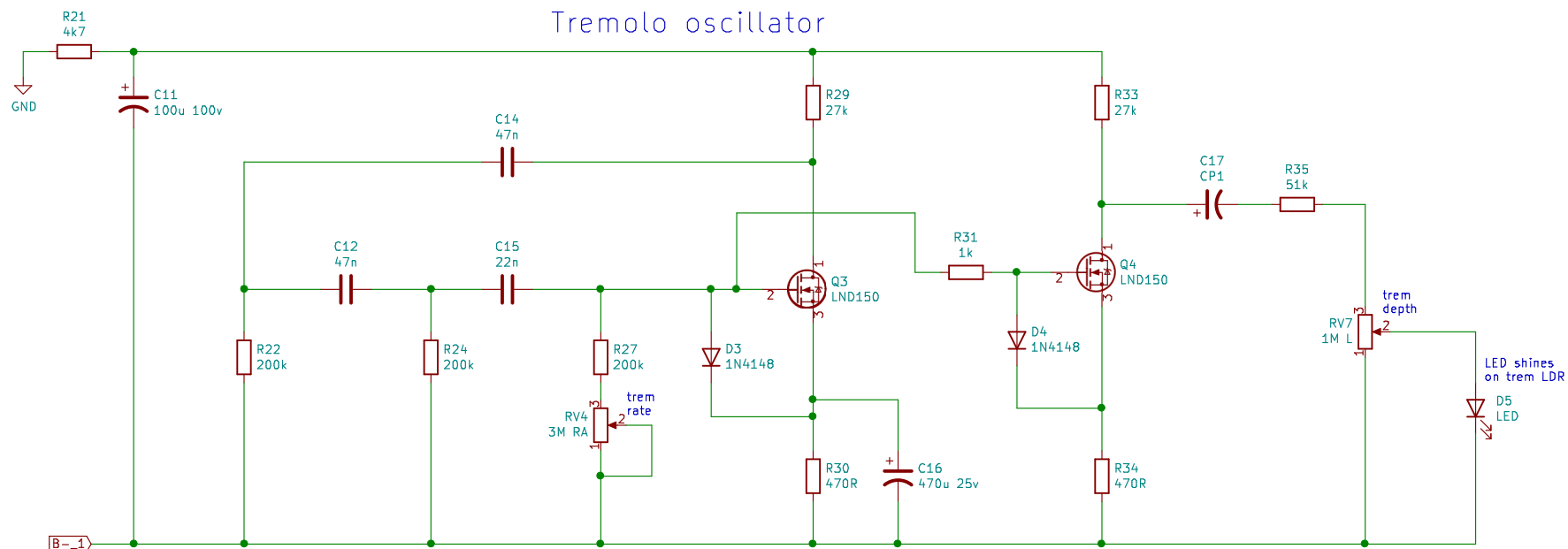
Size: A4 Date: 2021-06-19
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6V6 bias voltage generator



Tremolo oscillator



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120 VAC in

approximately
350mA @ idle
650mA @ max

J6
iec_power_entry

F1
1A sb

SW1
power_on

T1
power_transformer

290 VAC

22 VAC

6.3 VAC

390 VDC

385 VDC

330 VDC

310 VDC

300 VDC

B+_1

B+_2

B+_3

B+_4

B+_5

D6
1N4007

D8
1N4007

L1
choke

R54
3k 5W

R55
2k7 1W

R56
2k2 1W

C22
47u 500v

C23
47u 500v

C26
22u 450v

C27
22u 450v

C28
22u 450v

D7
1N4007

D9
1N4007

D10
1N4007

C24
22u 25v

C25
22u 25v

D11
1N4007

-55 VDC

U1B
5879

U2C
6SN7

U3C
6SN7

U5B
6V6

U6B
6V6

hum balance

RV9
500R 1W

LA1
Lamp

All voltages approximate

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