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Sheet: /  
File: A200\_tube\_amp.sch

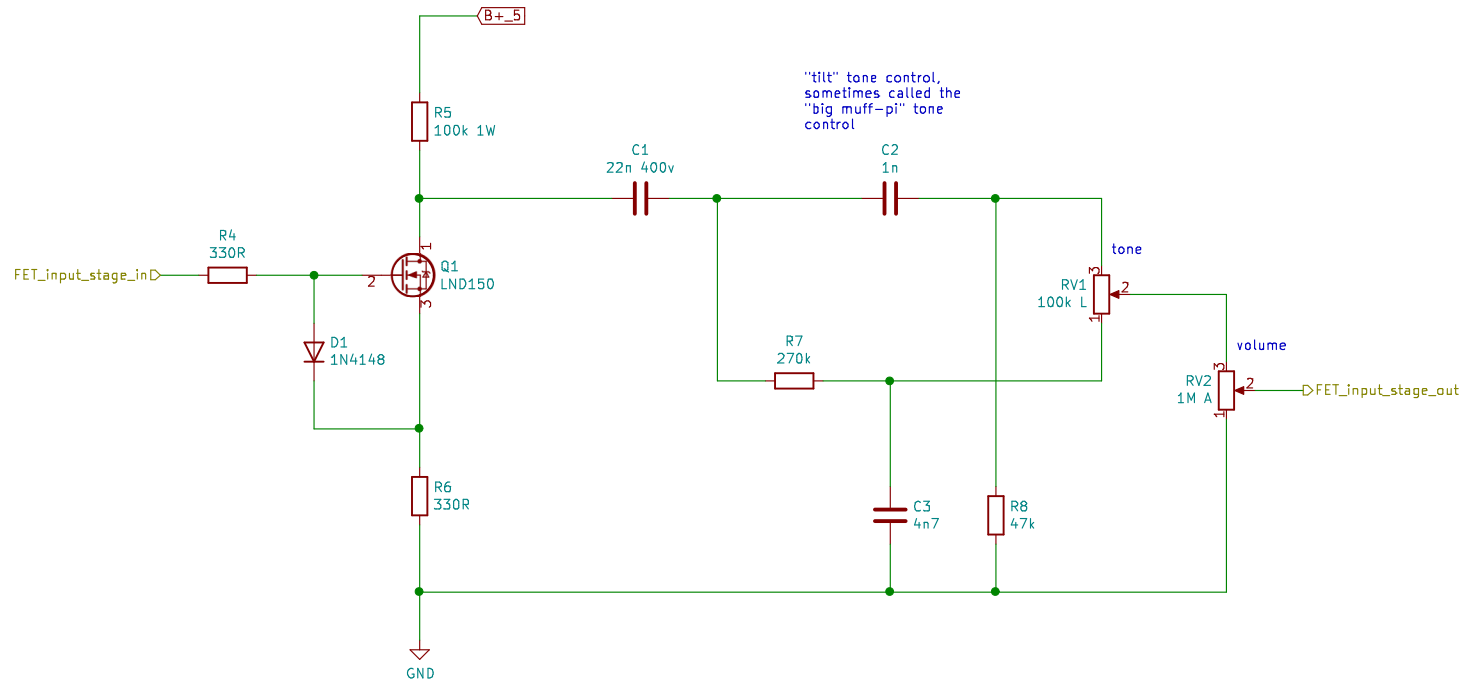
**Title: A200 12 watt class AB tube amp**

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

Date: 2021-06-19

Rev: 0

Id: 1/9



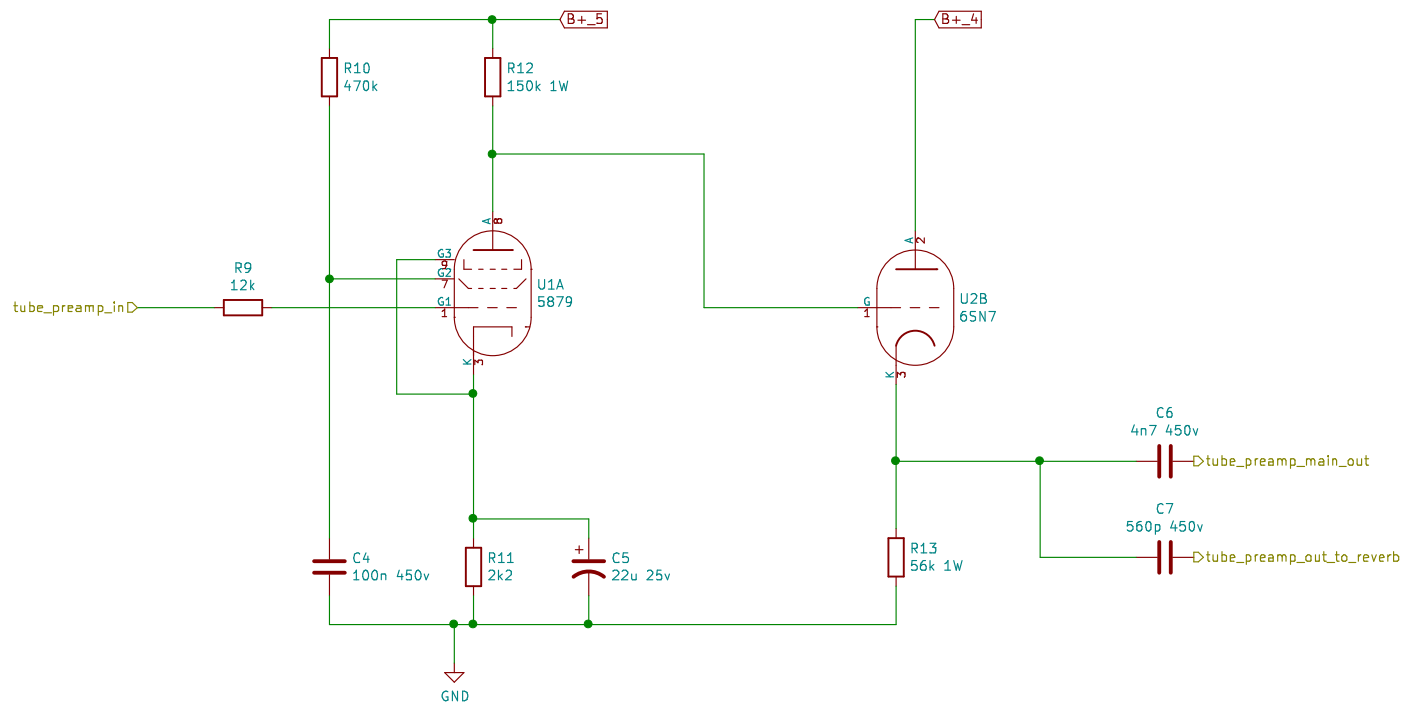
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File: FET\_input\_stage.sch

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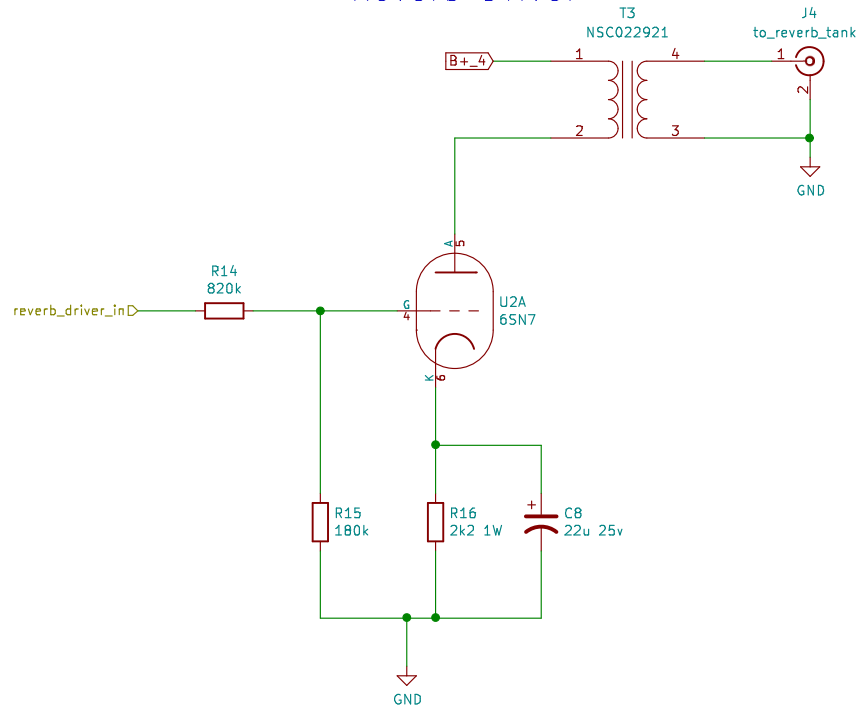
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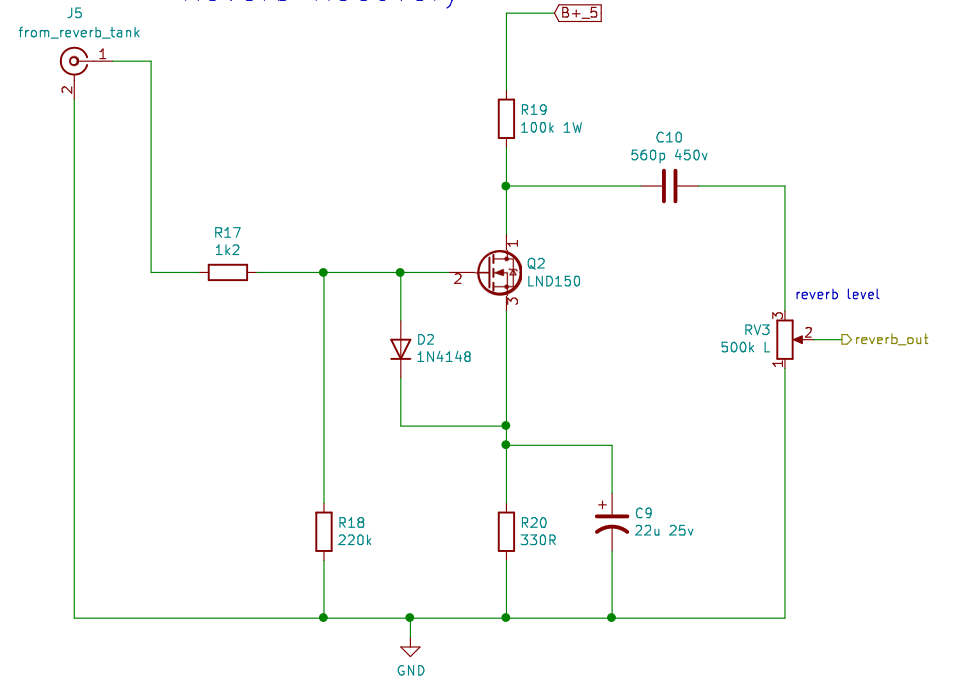
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## Reverb Driver



## Reverb Recovery



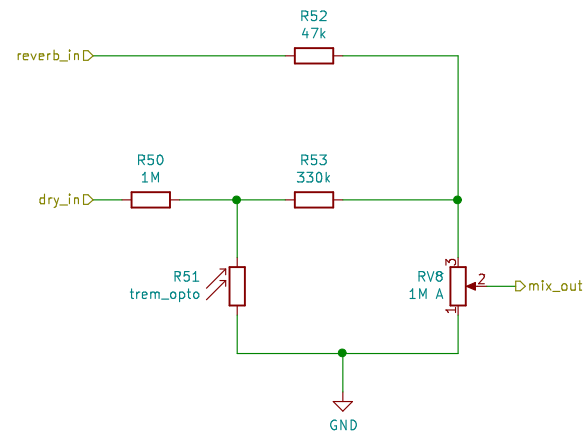
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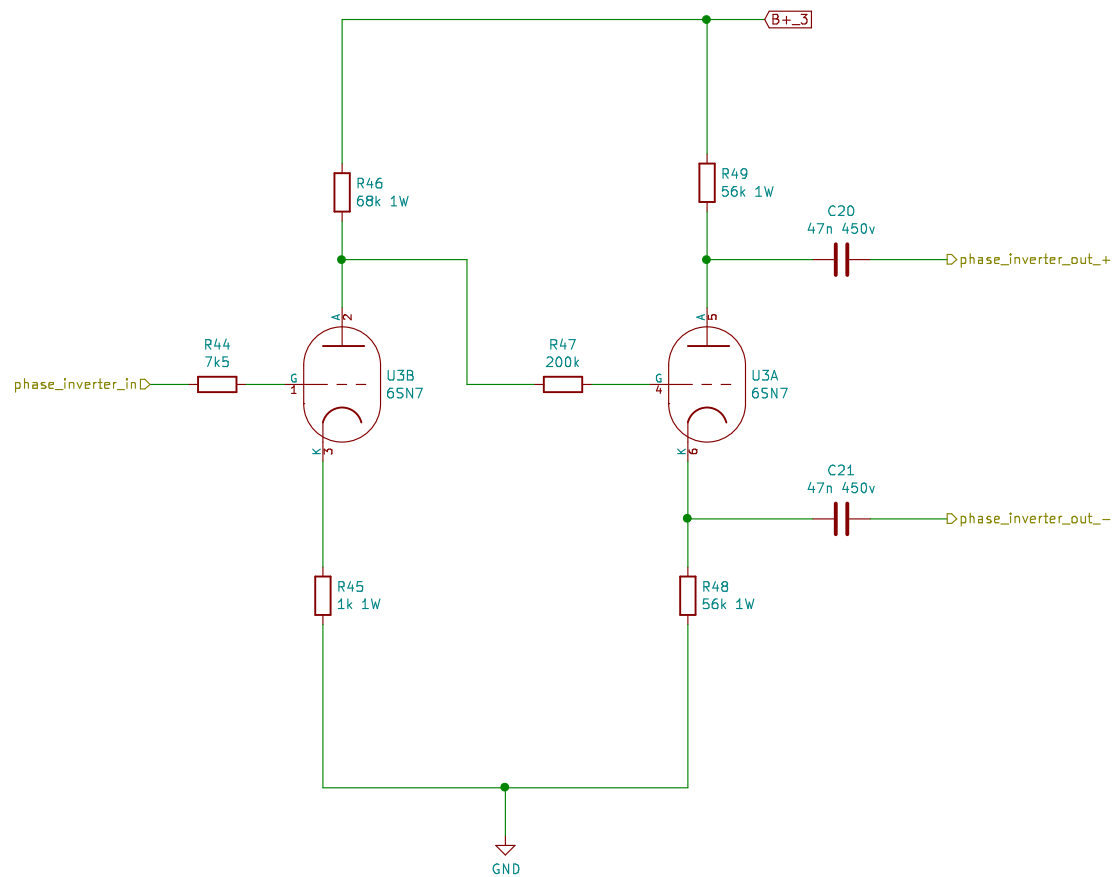
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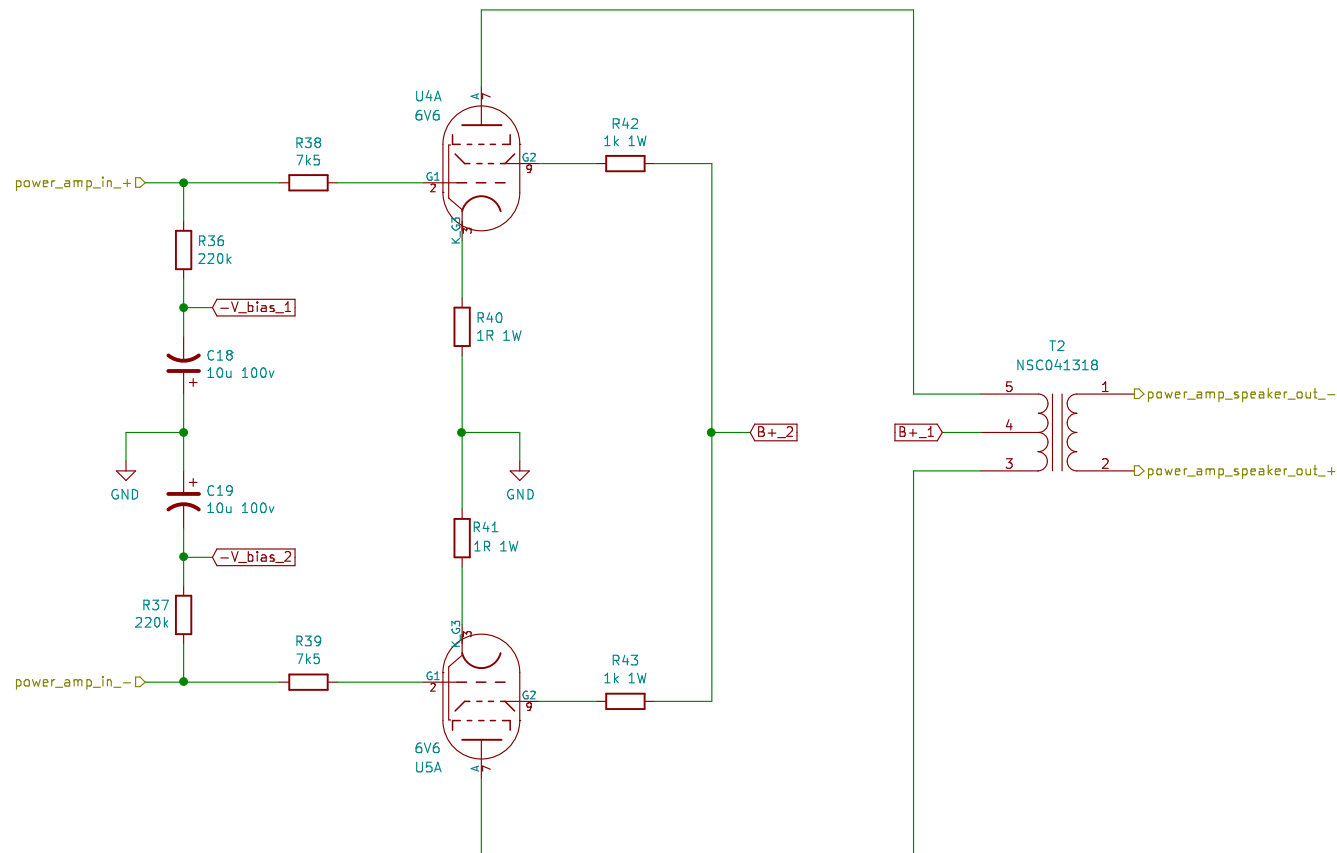


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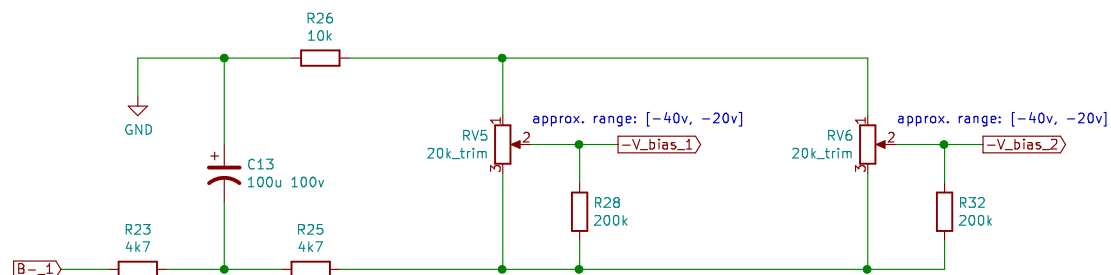
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**Title: A200 12 watt class AB tube amp**

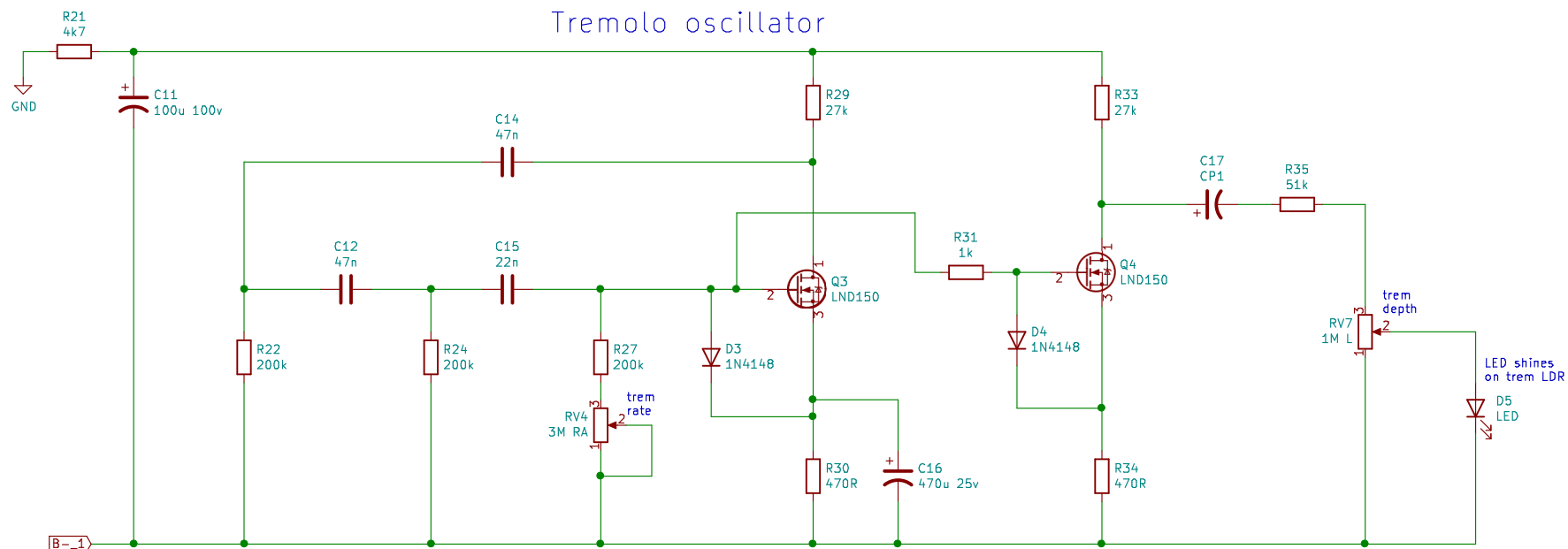
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## 6V6 bias voltage generator



## Tremolo oscillator



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Sheet: /bias\_generator\_and\_trem\_oscillator.sch/  
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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

B-\_1  
-55 VDC

U1B  
5879

U2C  
6SN7

U3C  
6SN7

U4B  
6V6

U5B  
6V6

hum balance  
RV9  
500R 1W

LA1  
Lamp

All voltages approximate

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