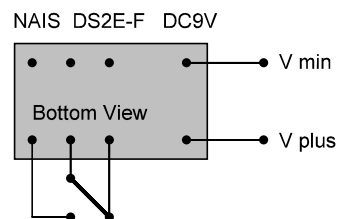
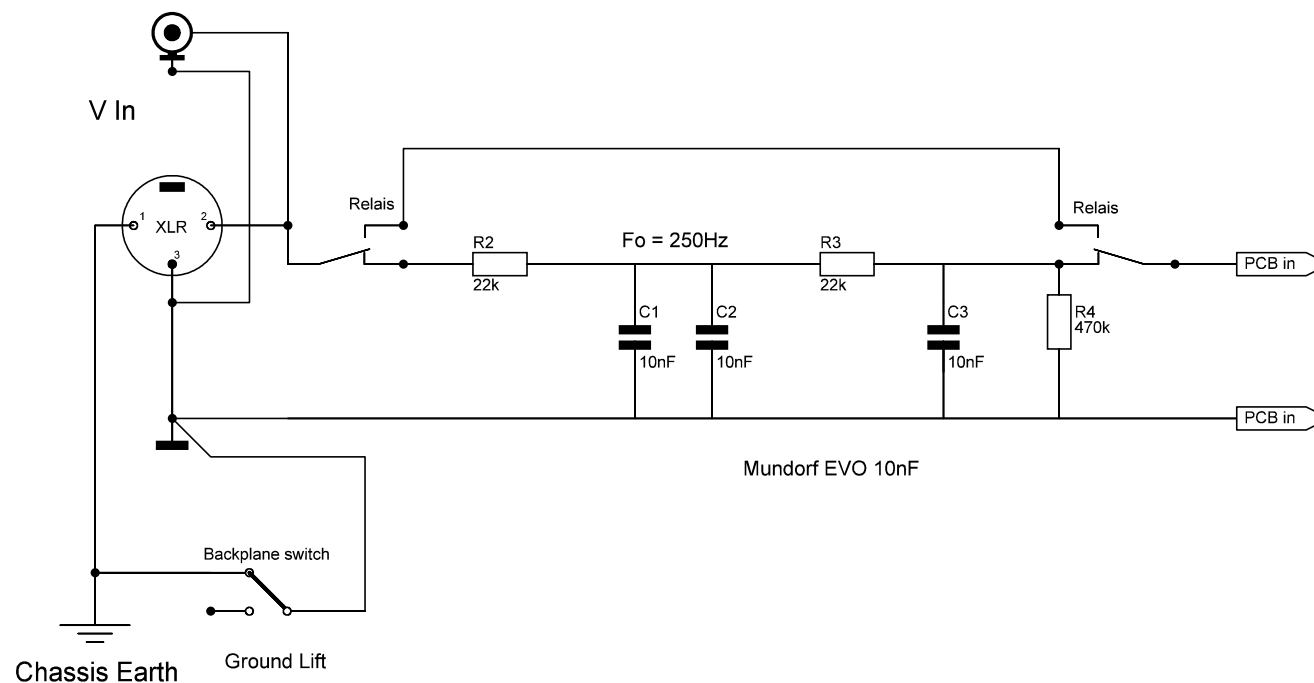


Full range / Filtered selection

Filtered = De-Energized position



Bessel Filter for C220
Gain with Filter & load = 0,72
 $F_o = 250\text{Hz}$ 12dB / Oct



TUMOS, Input BESSEL Filter

Update: 23-06-2017

Author: Doede Douma

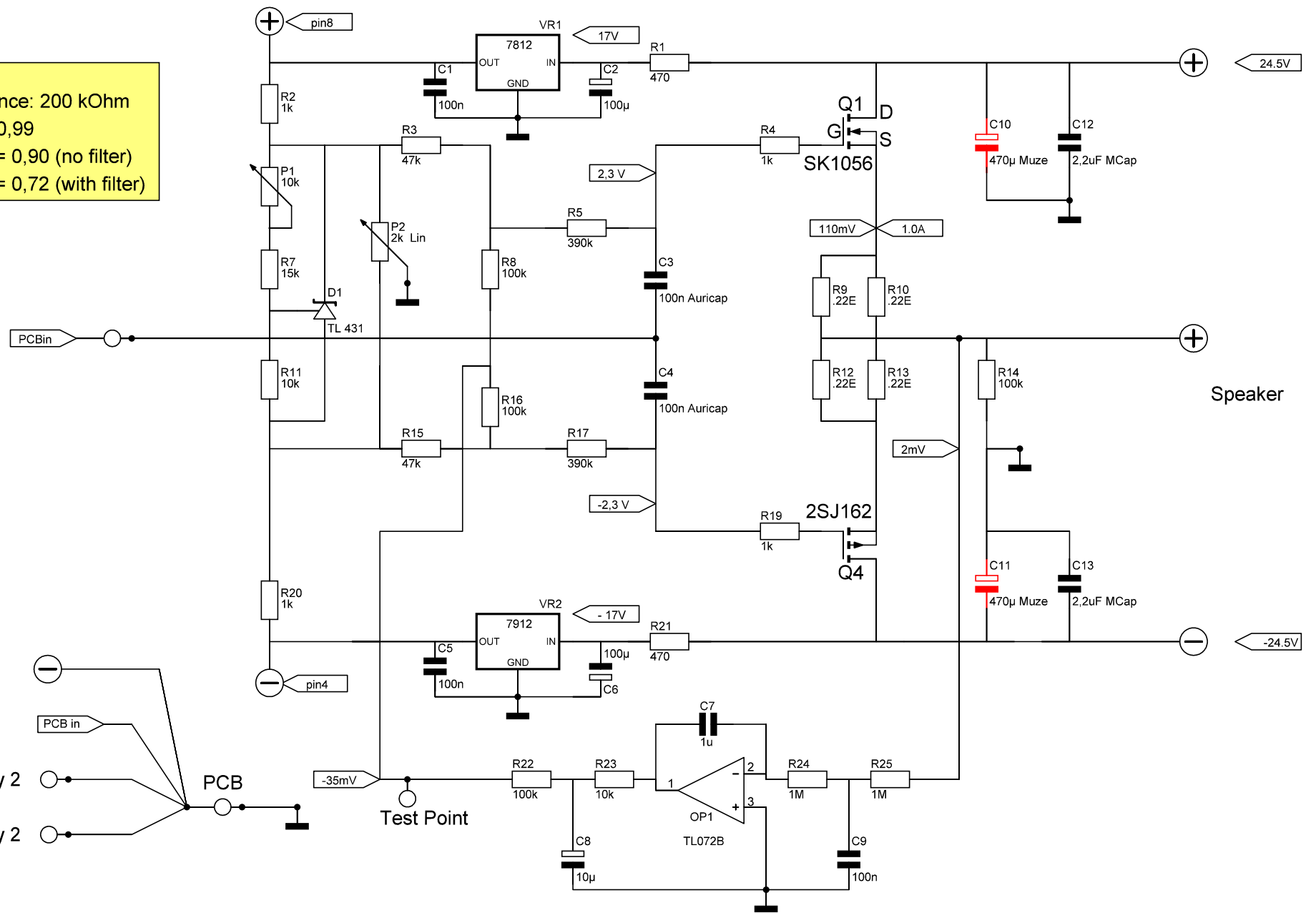
Revision: 6.0

Built:
YES

Design ready:
YES

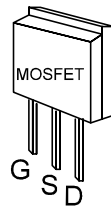
Page: 1 # 4

Input Impedance: 200 kOhm
 Gain open = 0,99
 Gain 7 Ohm = 0,90 (no filter)
 Gain 7 Ohm = 0,72 (with filter)



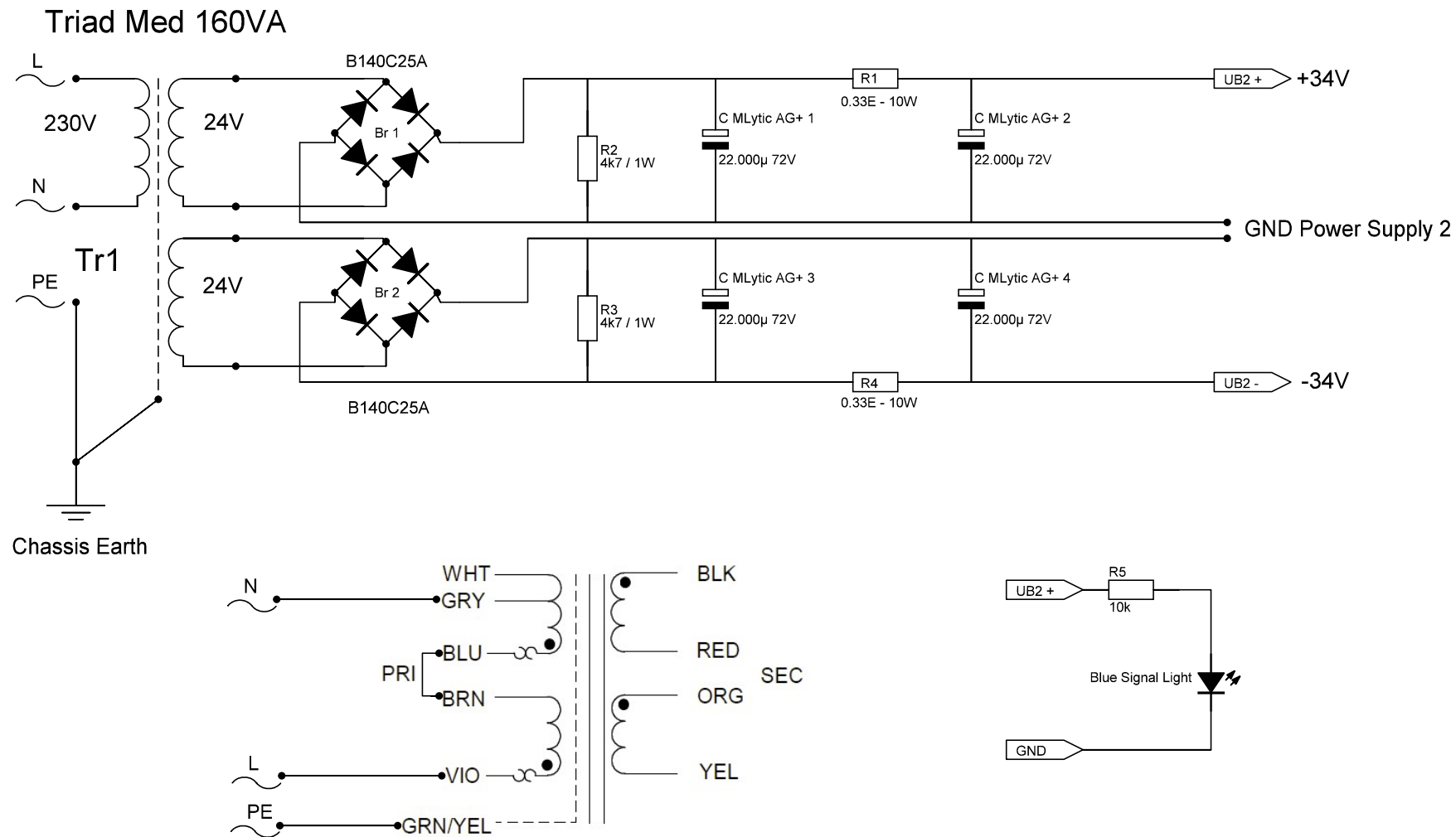
From LS
 From Filter
 GND Power Supply 2
 GND Power Supply 2

With P1 adjust bias / With P2 adjust close to zero Volt at test point
 All Values (Voltage and Current) are Measured values
 470uF on PCB close to FETs



TUMOS, Amplifier PCB

Update: 17-06-2017		Author: Doede Douma	
Revision: 6.0	Built: YES	Design ready: YES	Page: 2 # 4



TUMOS, Power Supply 1

Update: 17-06-2017

Author: Doede Douma

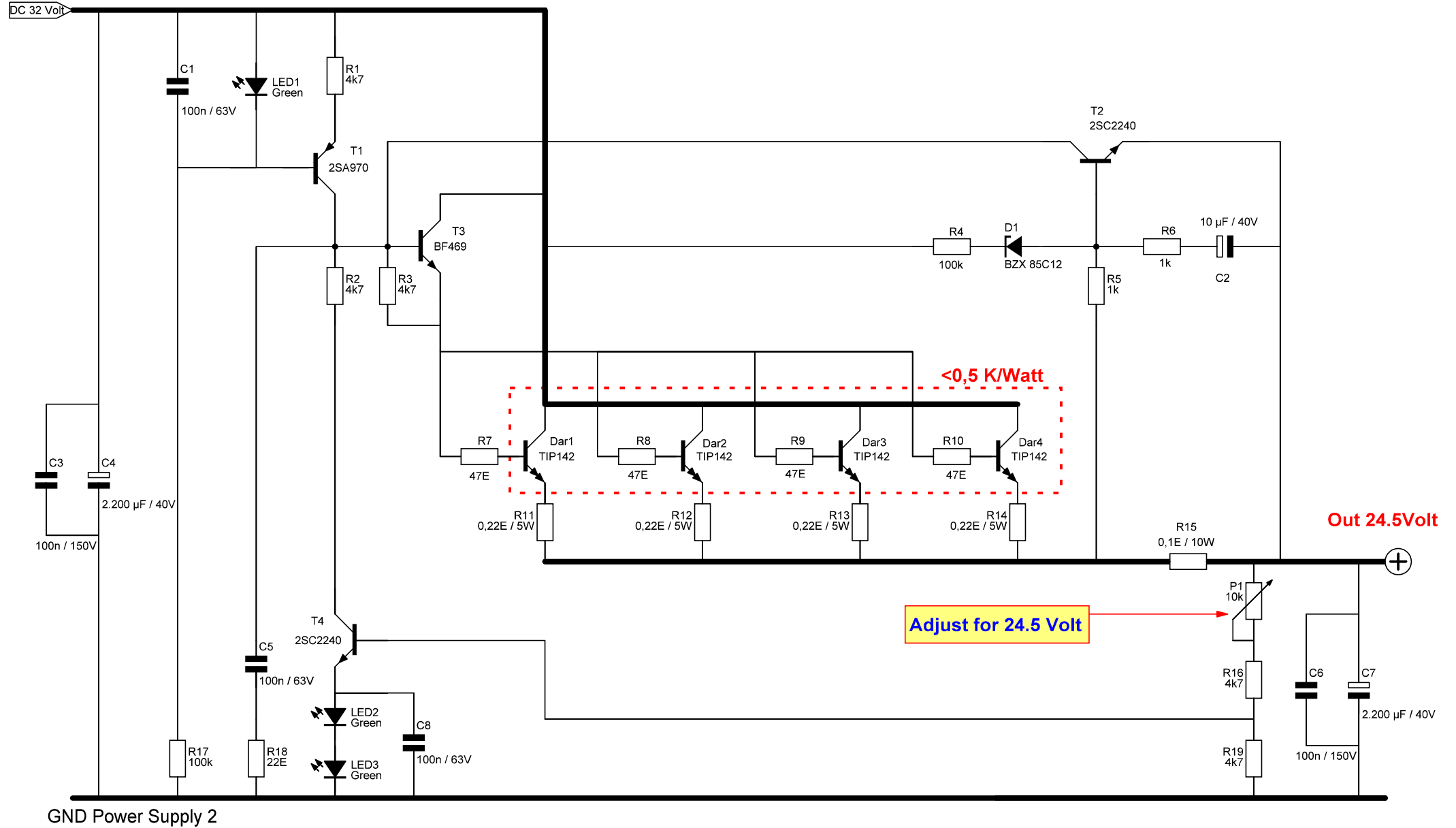
Revision: 6.0

Built:
YES

Design ready:
YES

Page: 3 # 4

From Rectifier / Filter



TUMOS, Power Supply 2

Update: 17-06-2017

Author: Doede Douma

Revision: 6.0

Built:
YES

Design ready:
YES

Page: 4 # 4