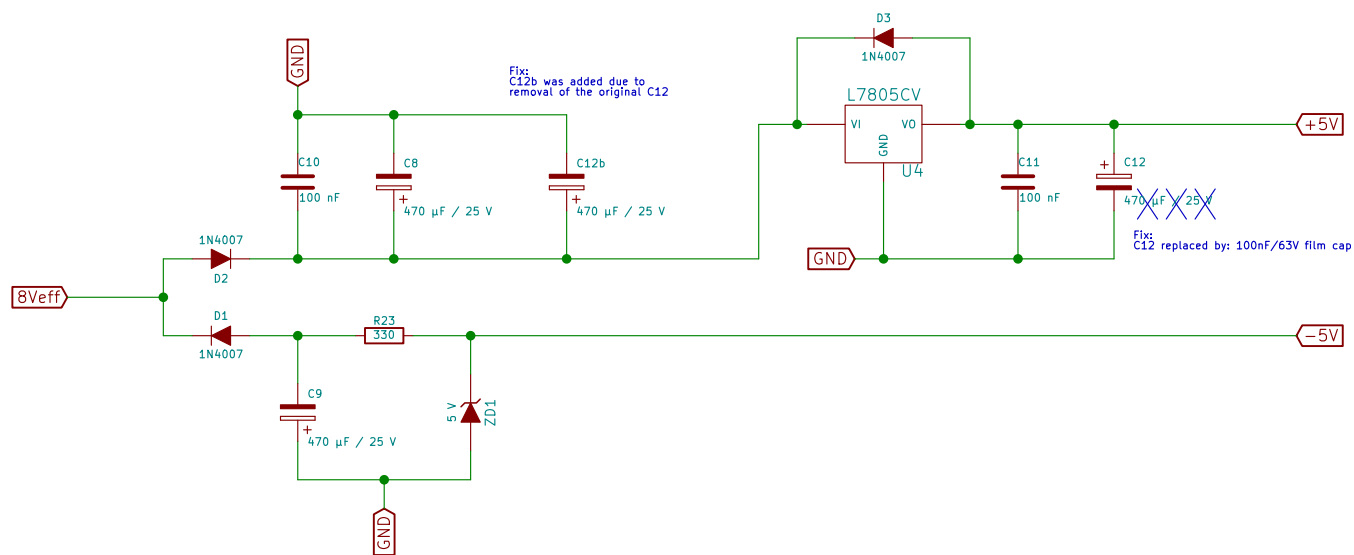


Supply voltage
19Veff is not connected
24Veff is labeled as "24V", but actually is 31 V (eff)



Reverse engineered by Michael Büsch <m@bues.ch>

Sheet: /supply/

File: supply.sch

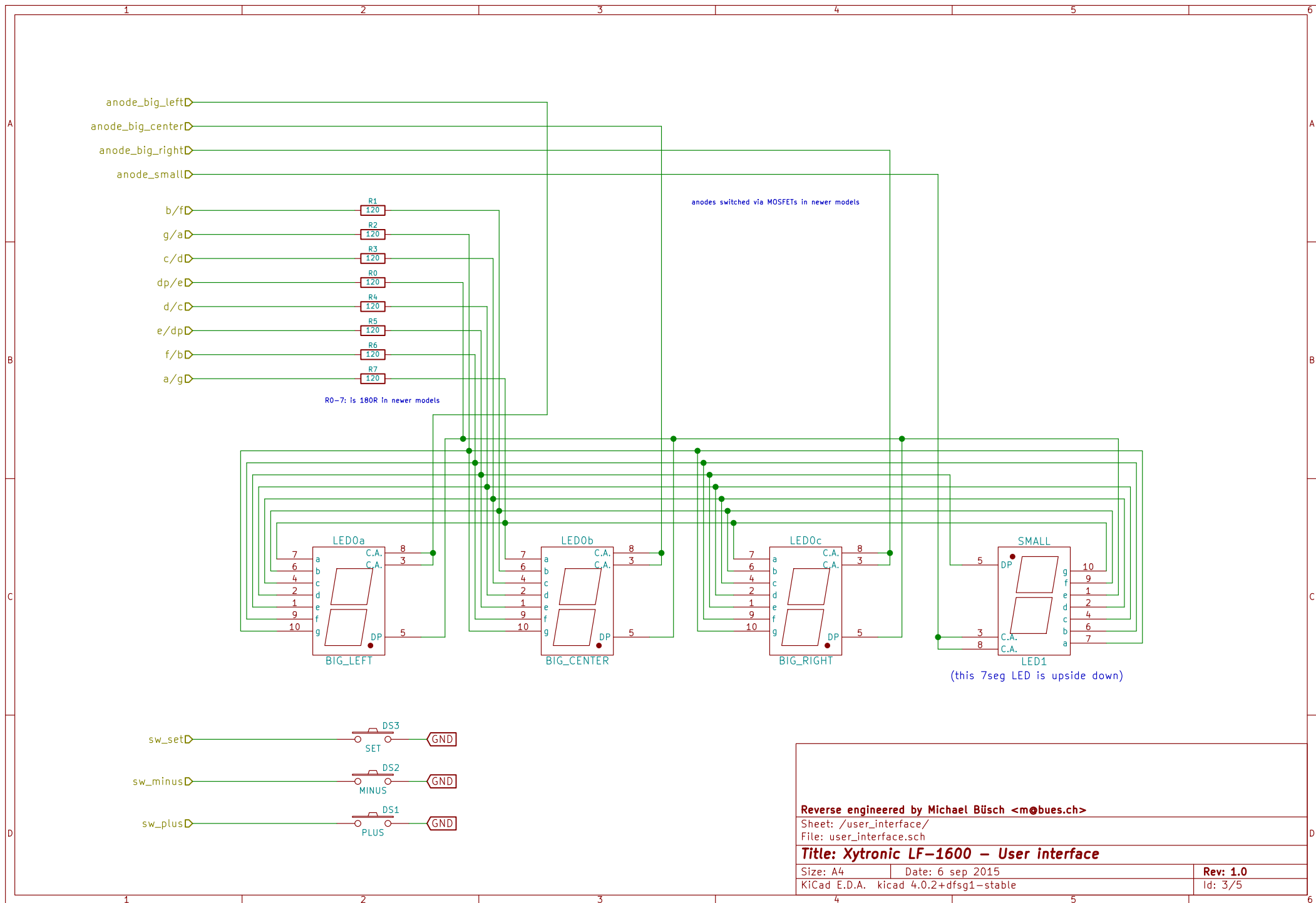
Title: Xytronic LF-1600 – Power supply

Size: A4 Date: 6 sep 2015

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Rev: 1.0

Id: 2/5



Reverse engineered by Michael Büsch <m@bues.ch>

Sheet: /user_interface/

File: user_interface.sch

Title: Xytronic LF-1600 – User interface

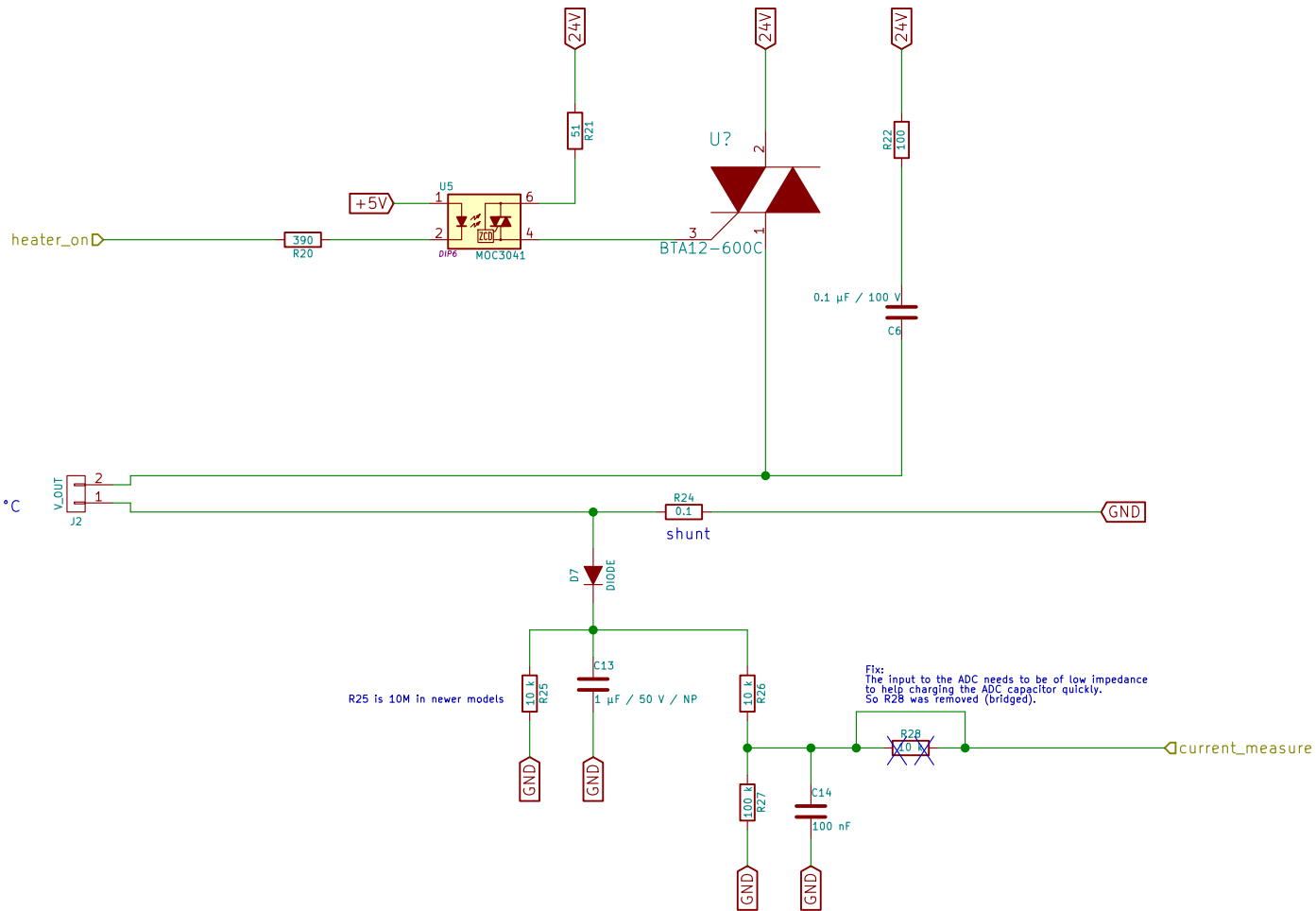
Size: A4 Date: 6 sep 2015

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Rev: 1.0

Id: 3/5

Heater element
R = 3.5 Ohms @ 20 °C



Fix:
The input to the ADC needs to be of low impedance
to help charging the ADC capacitor quickly.
So R28 was removed (bridged).

Reverse engineered by Michael Büsch <m@bues.ch>

Sheet: /heater/

File: heater.sch

Title: Xytronic LF-1600 – Heater power supply

Size: A4

Date: 6 sep 2015

Rev: 1.0

KiCad E.D.A. kicad 4.0.2+dfsg1-stable

Id: 4/5

