

- 2 pcb concept. To be used together with frontpanel pcb
- Powered from standard pc psu (12V)
- Preregulation with SEPIC converter
- based on David Jones' uSupply project

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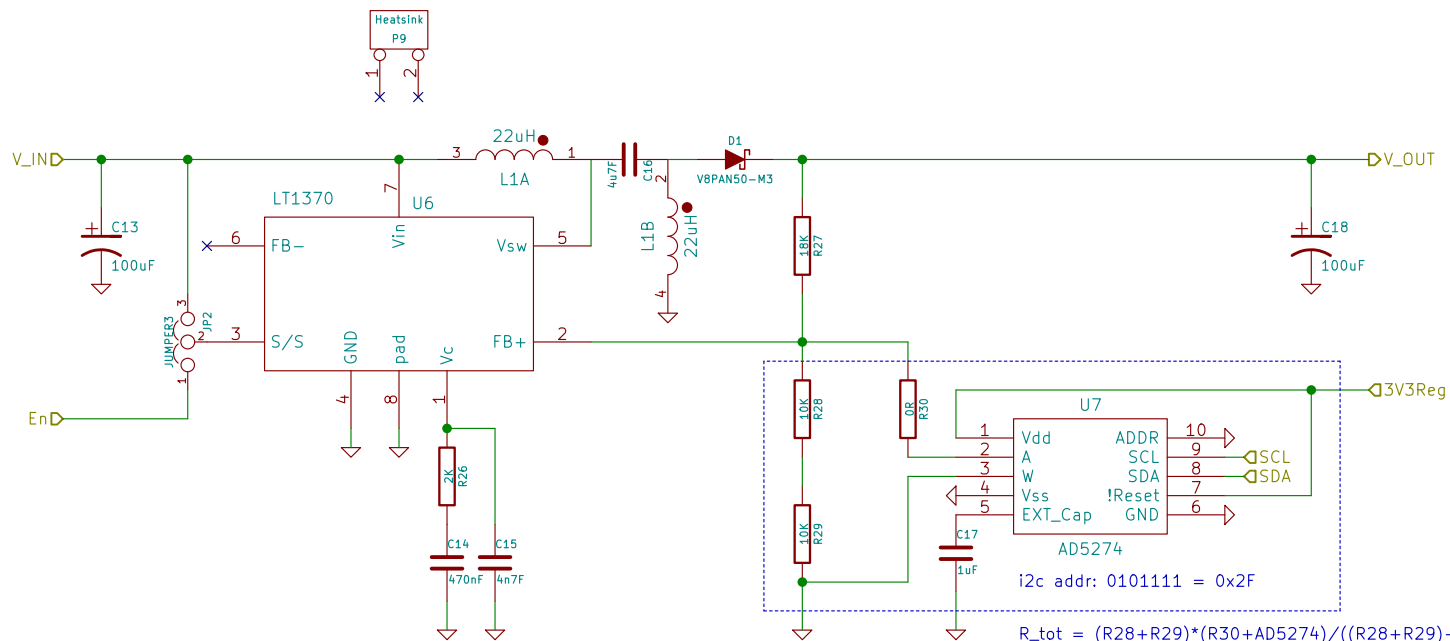
Title: Lab Psu (0-20V 0-2A)

Size: A4 Date: 2016-11-06

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$$R_{tot} = (R28+R29)*(R30+AD5274)/((R28+R29)+(R30+AD5274))$$

$$V_{out} = 1.245*(1+(R27/R_{tot}))$$

$$\begin{aligned} AD5274 = 20K & \Rightarrow V_{out} = 3.49 \\ AD5274 = 1K & \Rightarrow V_{out} = 24.78 \end{aligned}$$

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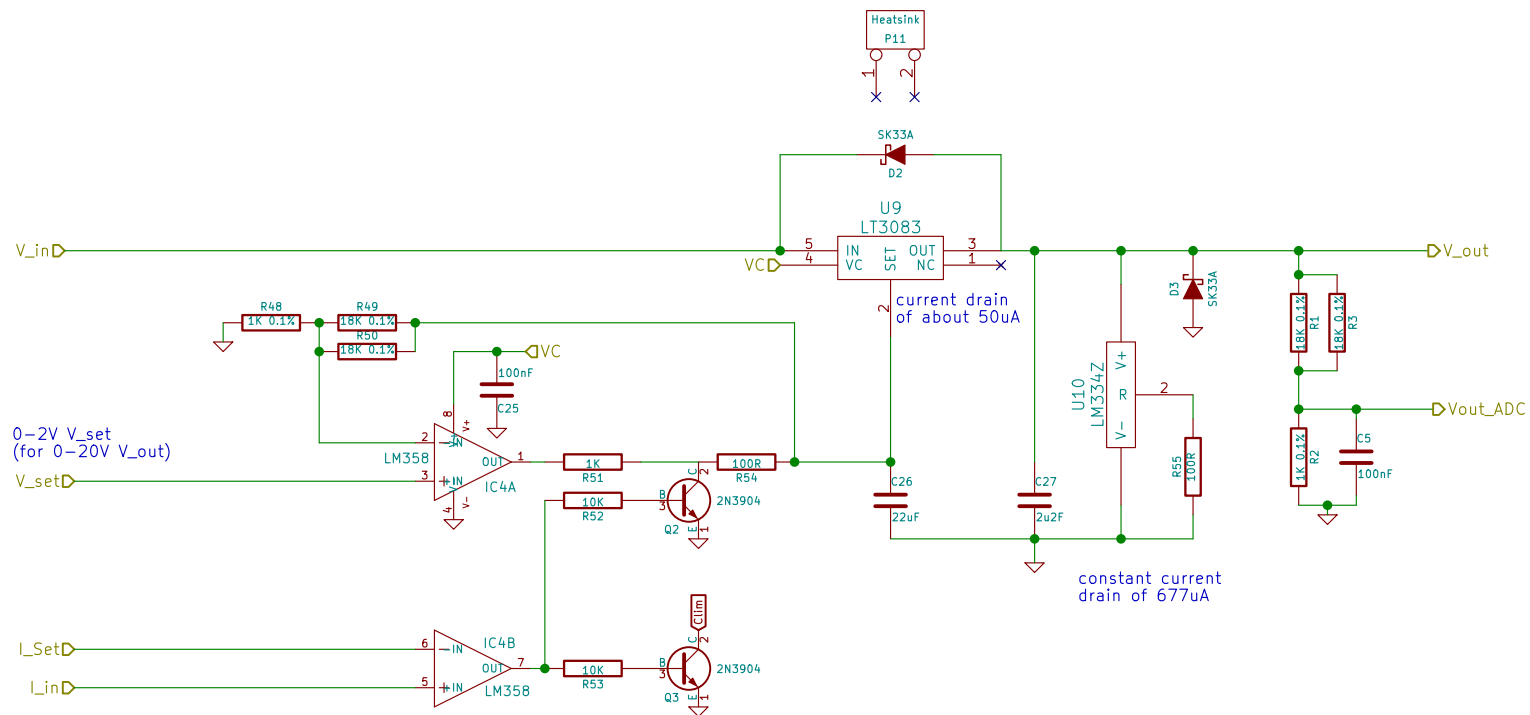
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