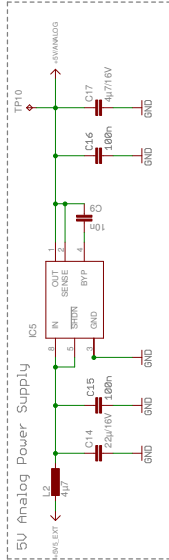
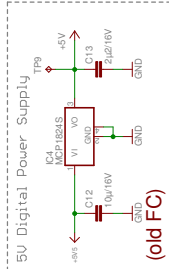
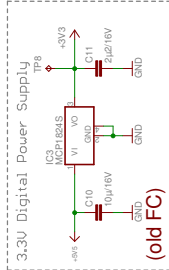
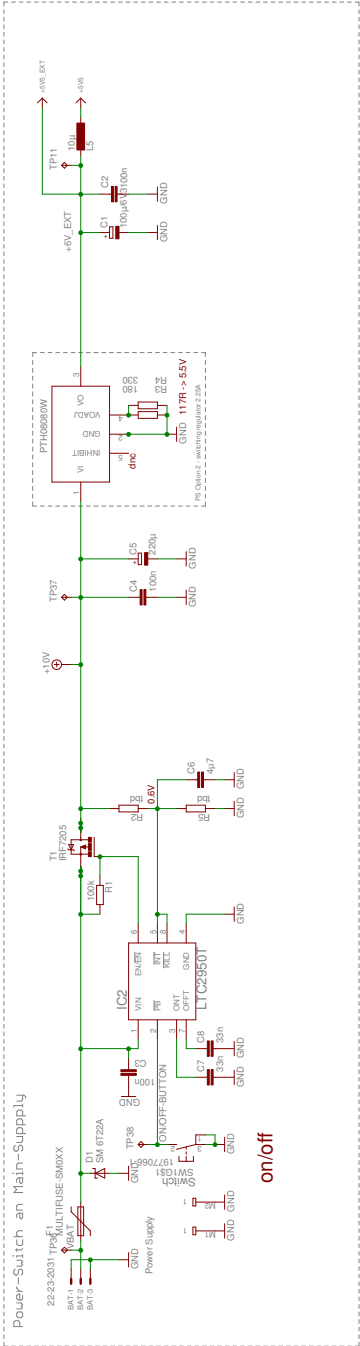


Energieversorgung UAUP NGmini



Typ	LiFePo ₄			
	Voltage	R1	R2	R5
3S	8V1	150k	12k	8V4
4S	10V8	510k	30k	11V2
5S	13V5	430k	20k	14V

Comparator Voltage 0V6



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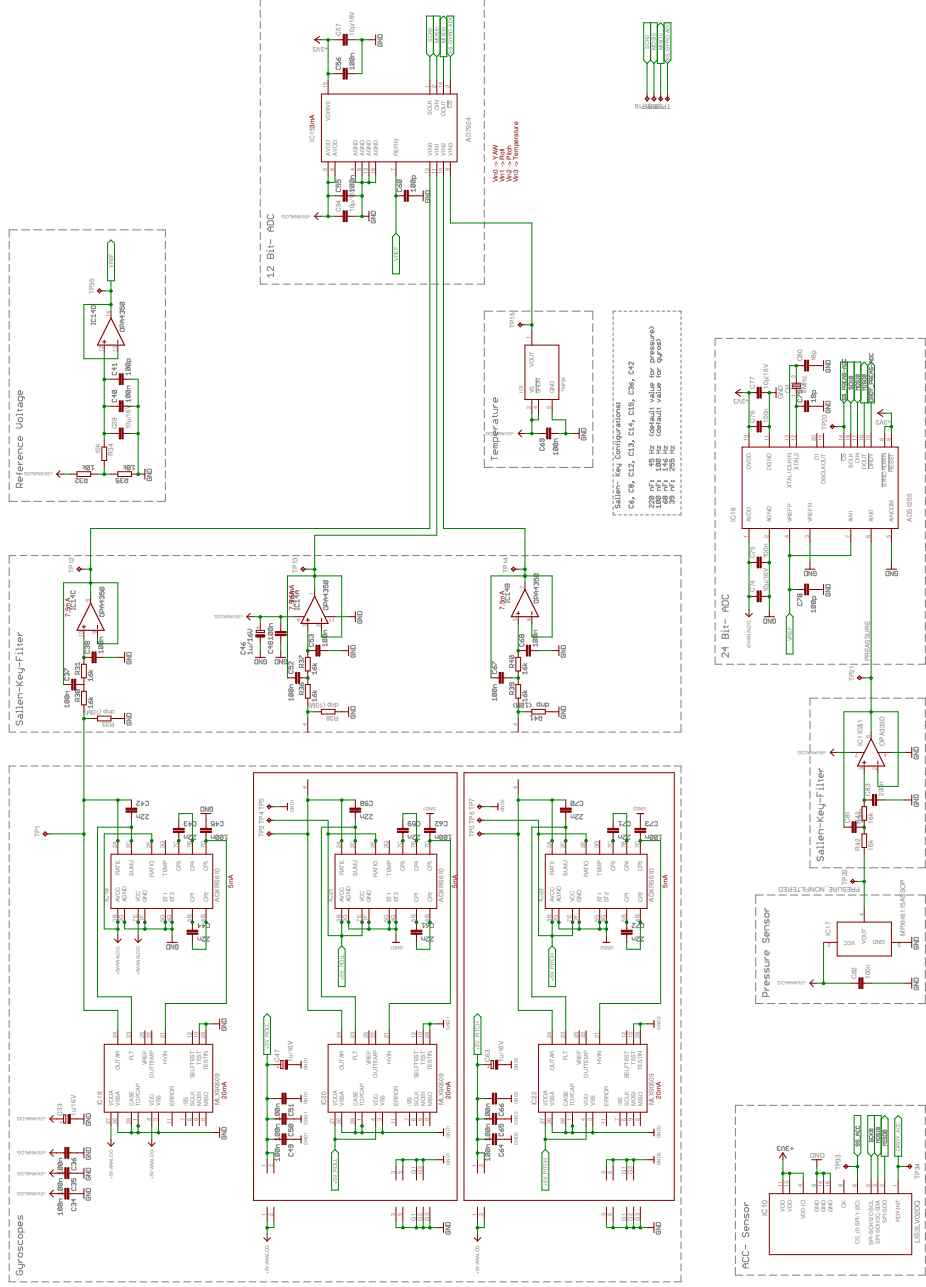
UAUP NGmini
mini
nicht gespeichert!

Authors: Volker Klunsch
Benjamin Glass

Sheet: 1/4

0.22

Sensoren des UAVP NGmini



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Energieversorgung UAVP NGmini

Power-Switch an Main-Supply

22-23-2031 TP8-
MULTIRUSE-SMXXX
BAT1A
BAT1S
GND

D1 SM 6T22A
TP98
ON/OFF-BUTTON
SWITCH
1870870
GND

IC2 LTC2350T
VIN ENVT PRE RTT
OFF OFF GND
C7 C8
33nF 33nF
GND GND

TP37 +10V
C4 100nF
C5 220µF
GND

PTN8050W
VOAD VO
INHBIT
GND
dnc
GND 117R → 55V
Pin Output 2 switching regulator 2.5A

TP11
+6V_EXT
C1 100µF 100m
GND GND

+6V_EXT

TP10

IC5
OUT SENSE BYP
SPDN
GND
C14 22µF 16V 100m
C15 100m
C16 180m
C17 4.7/16V
GND GND

TP10

IC4 MCP1645
VI VO
GND
C12 10µF 16V
C13 2µF 16V
GND GND

max. 10mA Intern
max. 250mA Extrem

IC3 MCP1645
VI VO
GND
C10 10µF 16V
C11 2µF 16V
GND GND

100mA Vp.
120mA max.

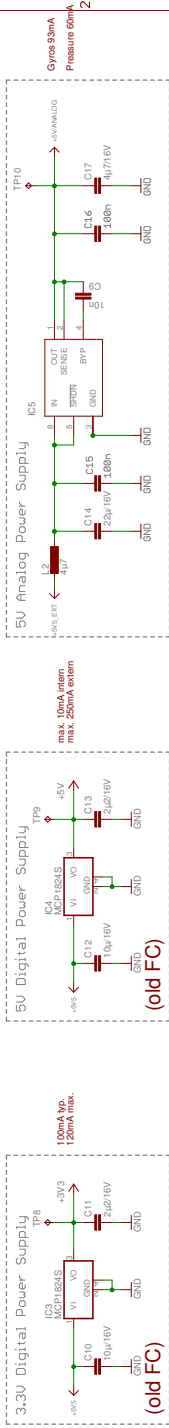
on/off

Type	LiPo	LiFePo
	Voltage R2 R5	Voltage R2 R5
3S	8V1 150k 12k 9V4 130k 10k	
4S	10V6 510k 30k 11V2 120k 68k	
5S	13V5 430k 20k 14V 270k 12k	

Comparator Voltage DV6

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Volker Kunsch
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Comparator Voltage 0V6



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