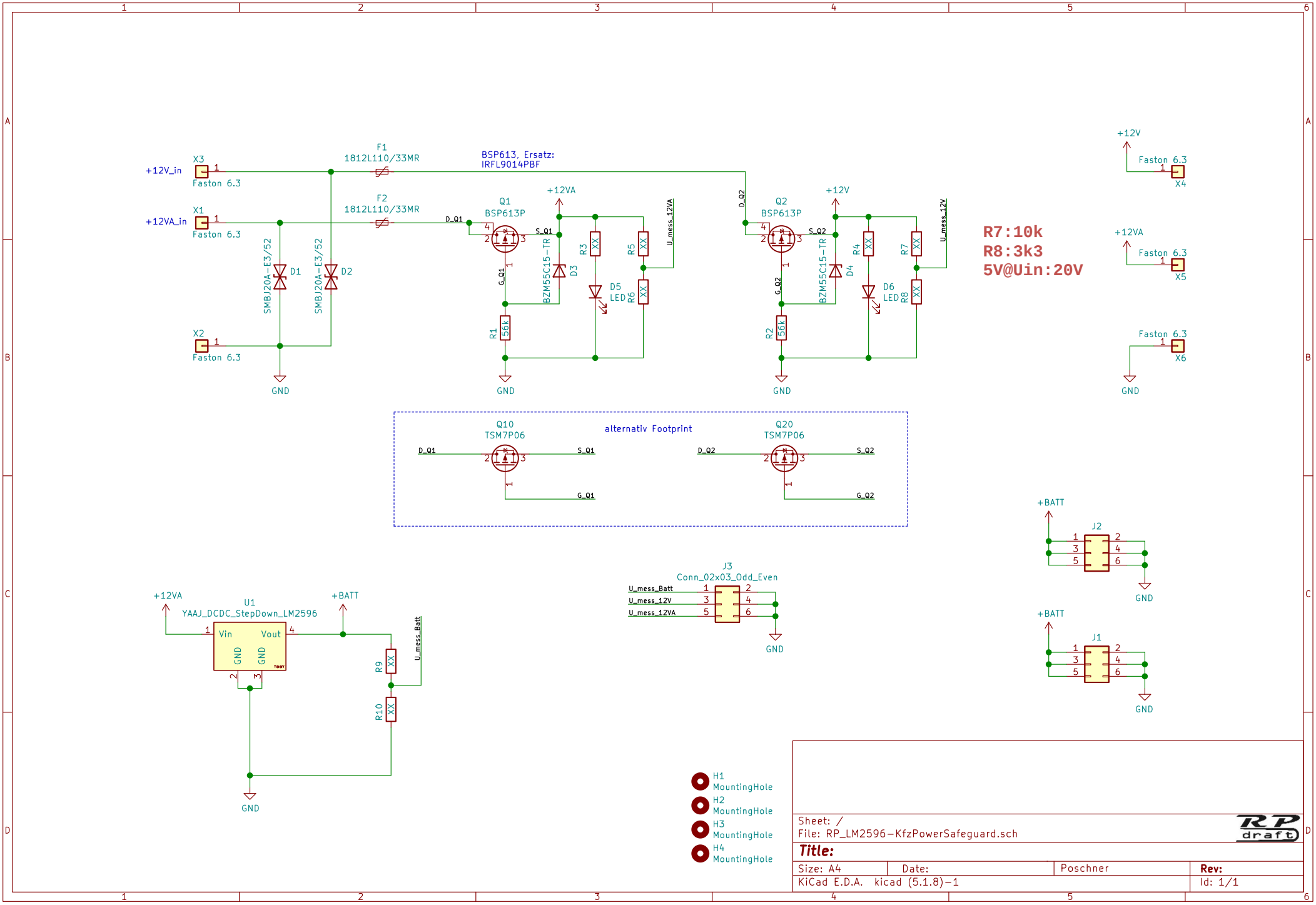
+12V_in
X3
Faston 6.3
+12VA_in
X1
Faston 6.3
X2
Faston 6.3
GND
SMBJ20A-E3/52
D1
D2
F1
1812L110/33MR
F2
1812L110/33MR
BSP613, Ersatz:
IRFL9014PBF
D_Q1
Q1
BSP613P
+12VA
S_Q1
G_Q1
R1
56k
BZM55C15-TR
D3
R3
XX
D5
LED
R6
XX
R5
XX
U_mess_12VA
D_Q2
Q2
BSP613P
+12V
S_Q2
G_Q2
R2
56k
BZM55C15-TR
D4
R4
XX
D6
LED
R8
XX
R7
XX
U_mess_12V
R7:10k
R8:3k3
5V@Uin:20V
+12V
Faston 6.3
X4
+12VA
Faston 6.3
X5
Faston 6.3
X6
alternativ Footprint
Q10
TSM7P06
D_Q1
S_Q1
G_Q1
Q20
TSM7P06
D_Q2
S_Q2
G_Q2
+BATT
J2
J1
J3
Conn_02x03_Odd_Even
U_mess_Batt
U_mess_12V
U_mess_12VA
+12VA
U1
YAAJ_DCDC_StepDown_LM2596
Vin
Vout
GND
GND
+BATT
R9
XX
R10
XX
U_mess_Batt
H1
MountingHole
H2
MountingHole
H3
MountingHole
H4
MountingHole
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File: RP_LM2596-KfzPowerSafeguard.sch
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