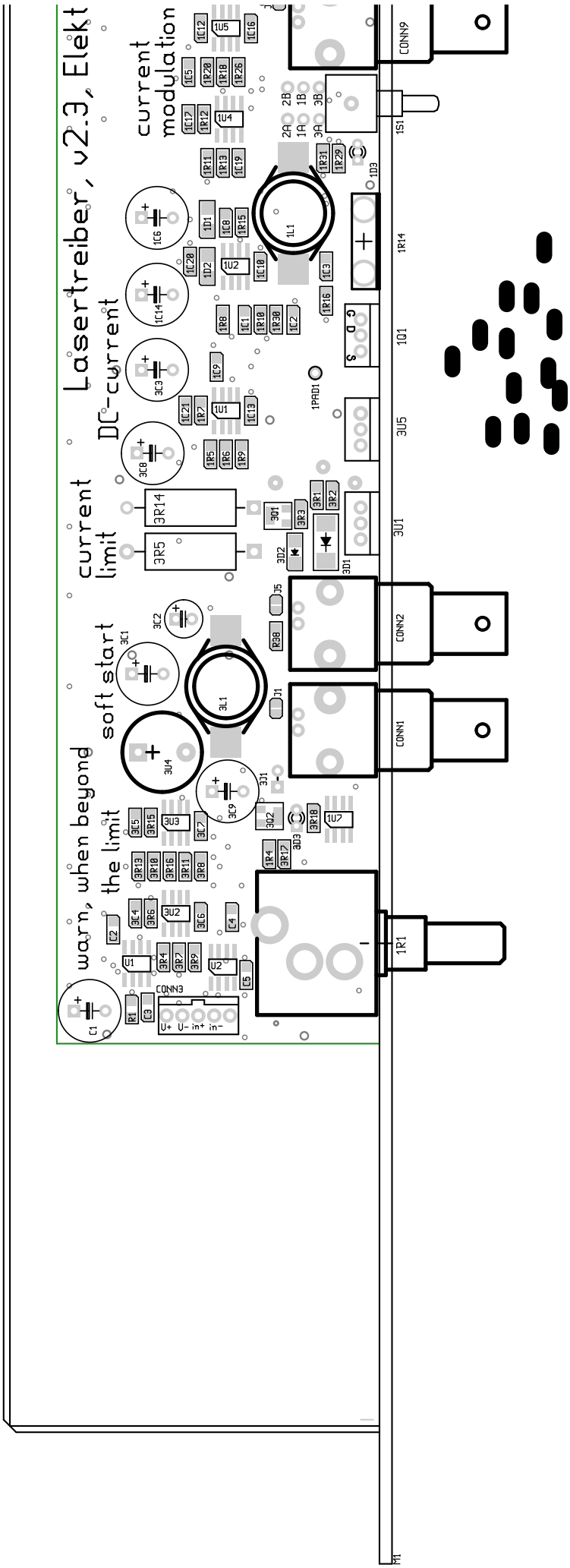
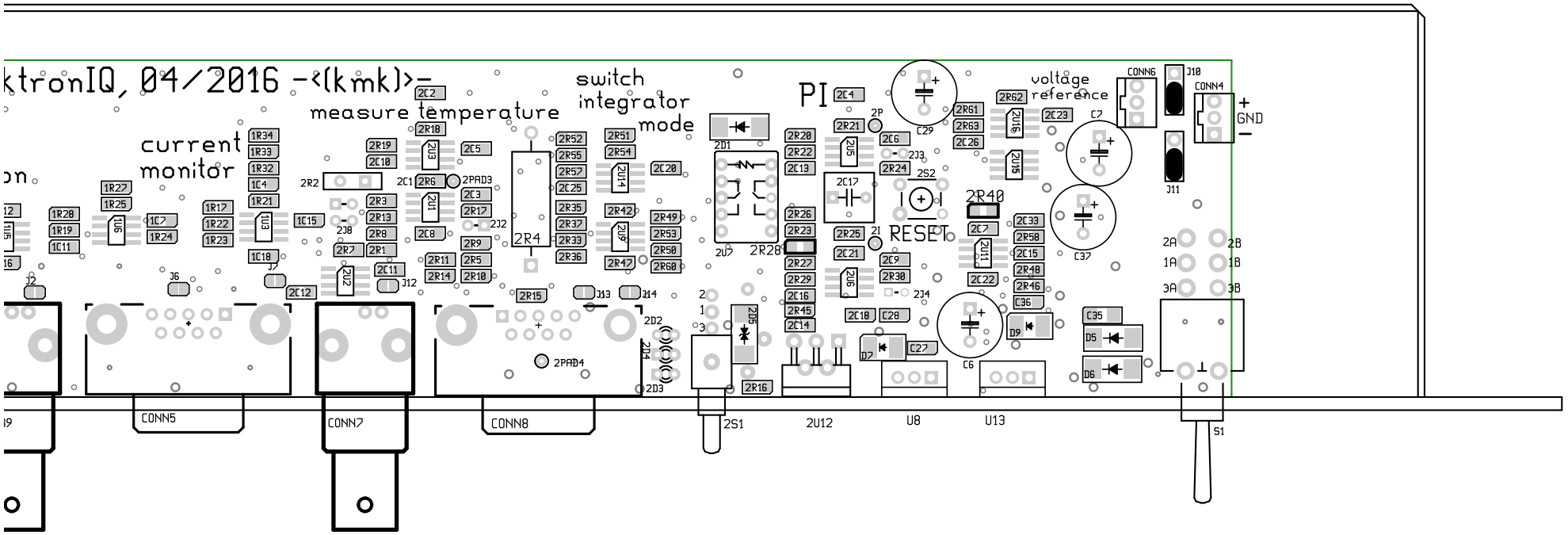
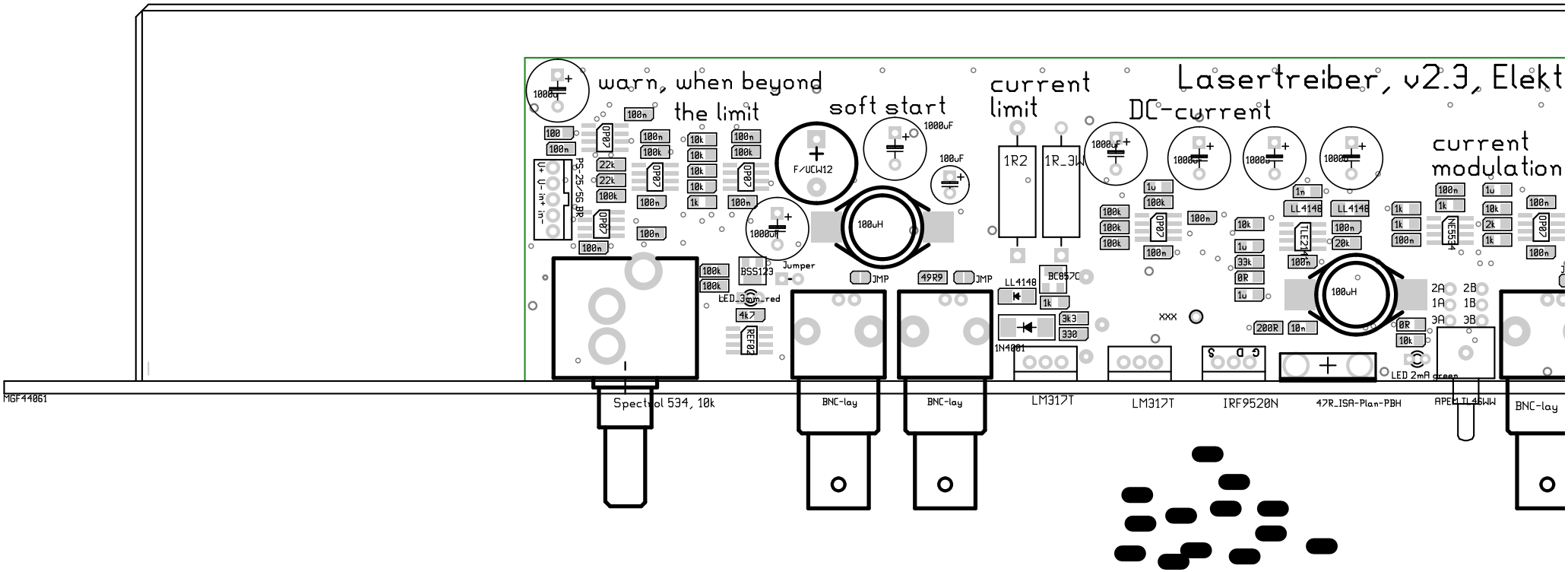
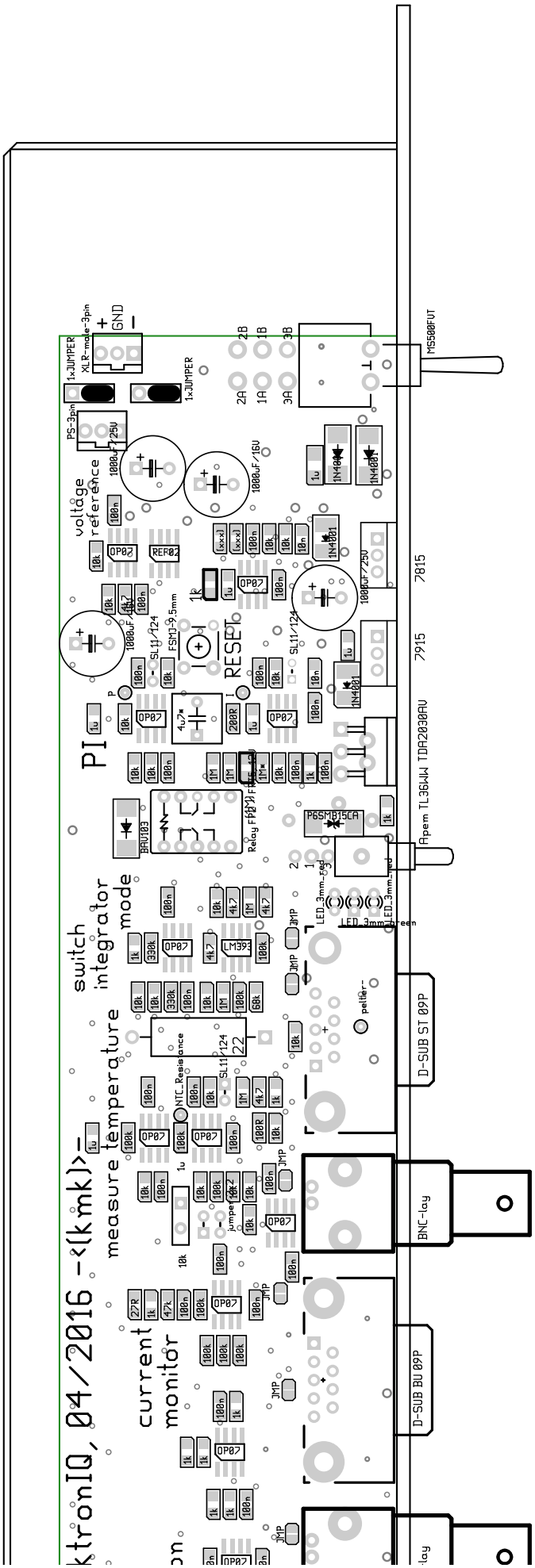

Lasertreiber, v2.3, Elekt
current modulation
DC-current
current limit
soft start
warn, when beyond the limit
CONN9
CONN2
CONN1
CONN3
1R14
1Q1
3U5
3U1
1R1
1S1
1PAD1
3R14
3R5
3L1
3U4
3C9
3U3
3U2
1U7
1U1
1U2
1U4
1U5
1L1
1D1
1D2
1D3
1C1
1C2
1C3
1C4
1C5
1C6
1C8
1C9
1C10
1C12
1C13
1C14
1C16
1C17
1C18
1C19
1C20
1C21
1R1
1R4
1R5
1R6
1R7
1R8
1R9
1R10
1R11
1R12
1R13
1R15
1R16
1R17
1R18
1R20
1R26
1R29
1R30
1R31
3R1
3R2
3R3
3R4
3R5
3R6
3R7
3R8
3R9
3R10
3R11
3R13
3R15
3R16
3R17
3R18
3Q1
3Q2
3Q3
3D1
3D2
3D3
3C1
3C2
3C3
3C4
3C6
3C7
3C8
3C9
3U1
3U2
3U3
3U4
3U5
U1
U2
C1
C2
C3
C4
C5
R1
R38
J1
J5
U+ U- in+ in-
M1

Grid (1 , 1)

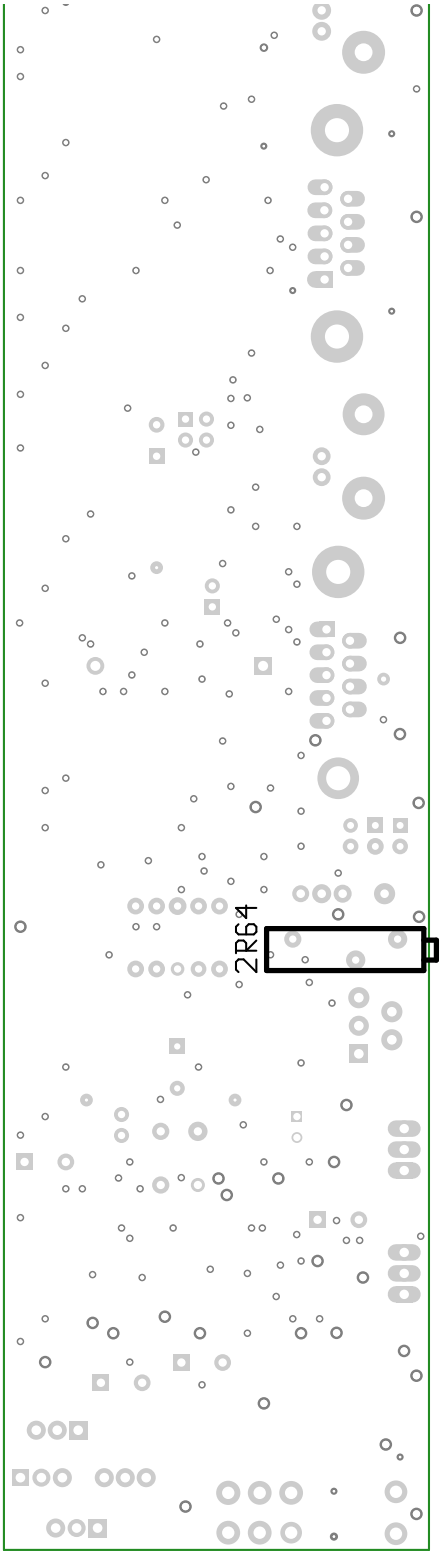

ktronIQ, 04/2016 -<(kmk)>-
switch
integrator
mode
measure temperature
current
monitor
PI
voltage
reference
RESET
GND
CONN5
CONN7
CONN8
2S1
2U12
U8
U13
S1

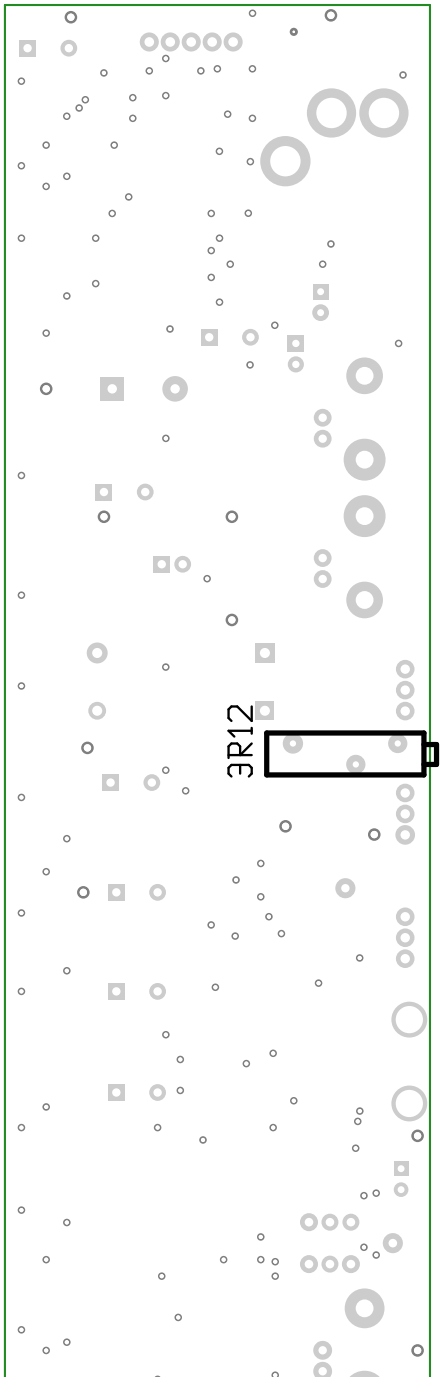

Lasertreiber, v2.3, Elekt
warn, when beyond
the limit
soft start
current
limit
DC-current
current
modulation
F/UCW12
1R2
1R_3W
100uH
BSS123
Jumper
JMP
49R9
LL4148
BC857C
1N4001
LM317T
IRF9520N
47R_ISA-Plan-PBH
LED 2mA green
Spectrol 534, 10k
BNC-lay
MGF44061

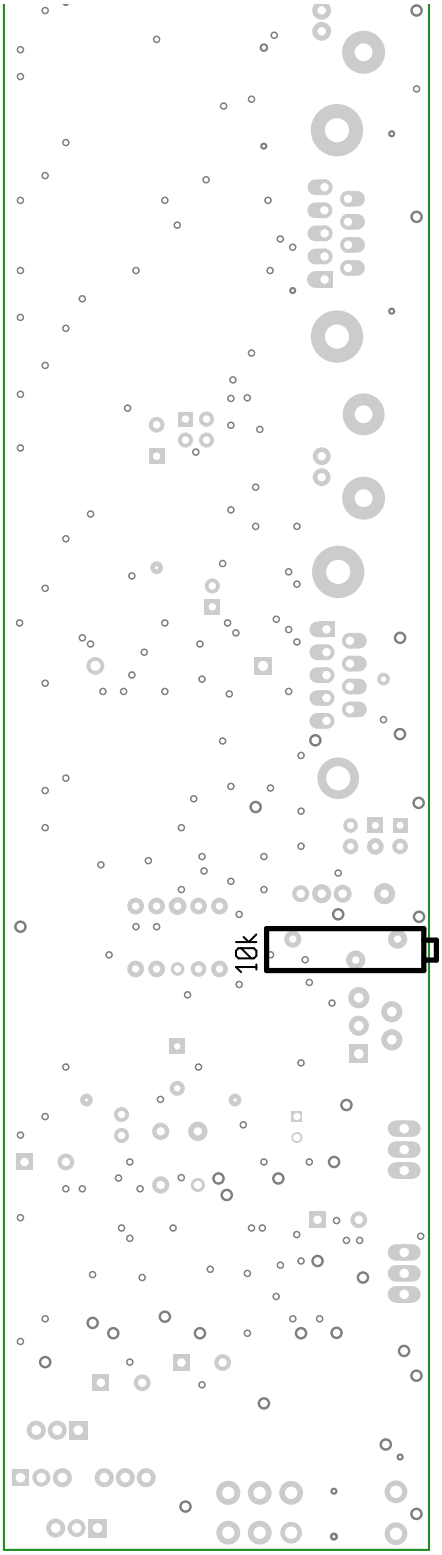
Grid (1 , 1)

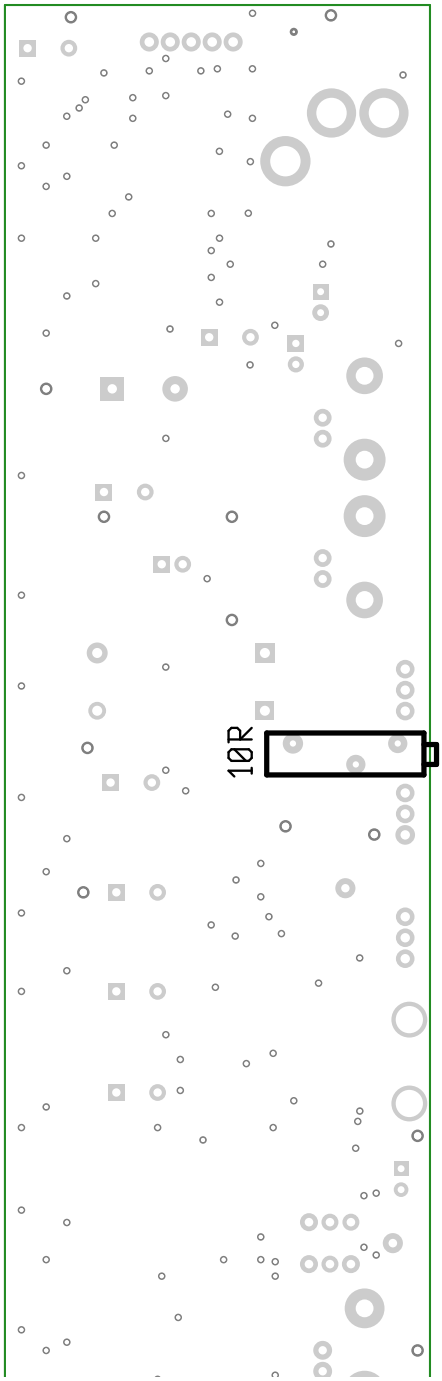

ktronIQ, 04/2016 -<(kmk)>-
current monitor
measure temperature
switch integrator mode
PI
voltage reference
RESET
1xJUMPER
XLR-male-3pin
GND
PS-3pin
MS500FVT
Apem TL36WW TDA2030AV
D-SUB ST 09P
BNC-lay
D-SUB BU 09P
7815
7915
LM393
REF02
BAV103
P6SMB15CA
NTC_Resistance
LED_3mm_red
LED_3mm_green
JMP
OP07

Grid (2 , 1)


2R64


3R12


10k


10R