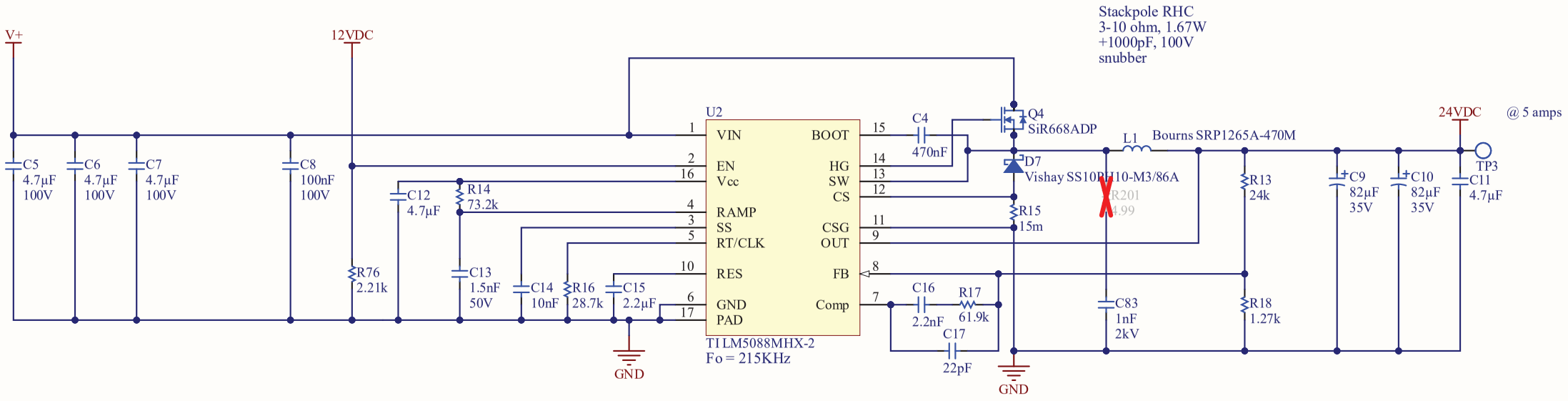
1	2	3	4	5	6


V+
12VDC
C5
4.7µF
100V
C6
4.7µF
100V
C7
4.7µF
100V
C8
100nF
100V
R76
2.21k
C12
4.7µF
R14
73.2k
C13
1.5nF
50V
C14
10nF
R16
28.7k
C15
2.2µF
GND
U2
VIN
EN
Vcc
RAMP
SS
RT/CLK
RES
GND
PAD
BOOT
HG
SW
CS
CSG
OUT
FB
Comp
TI LM5088MHX-2
Fo = 215KHz
C4
470nF
Stackpole RHC
3-10 ohm, 1.67W
+1000pF, 100V
snubber
Q4
SiR668ADP
D7
Vishay SS10P10-M3/86A
L1
Bourns SRP1265A-470M
R201
4.99
R15
15m
C16
2.2nF
R17
61.9k
C17
22pF
GND
C83
1nF
2kV
R13
24k
R18
1.27k
C9
82µF
35V
C10
82µF
35V
24VDC
@ 5 amps
TP3
C11
4.7µF