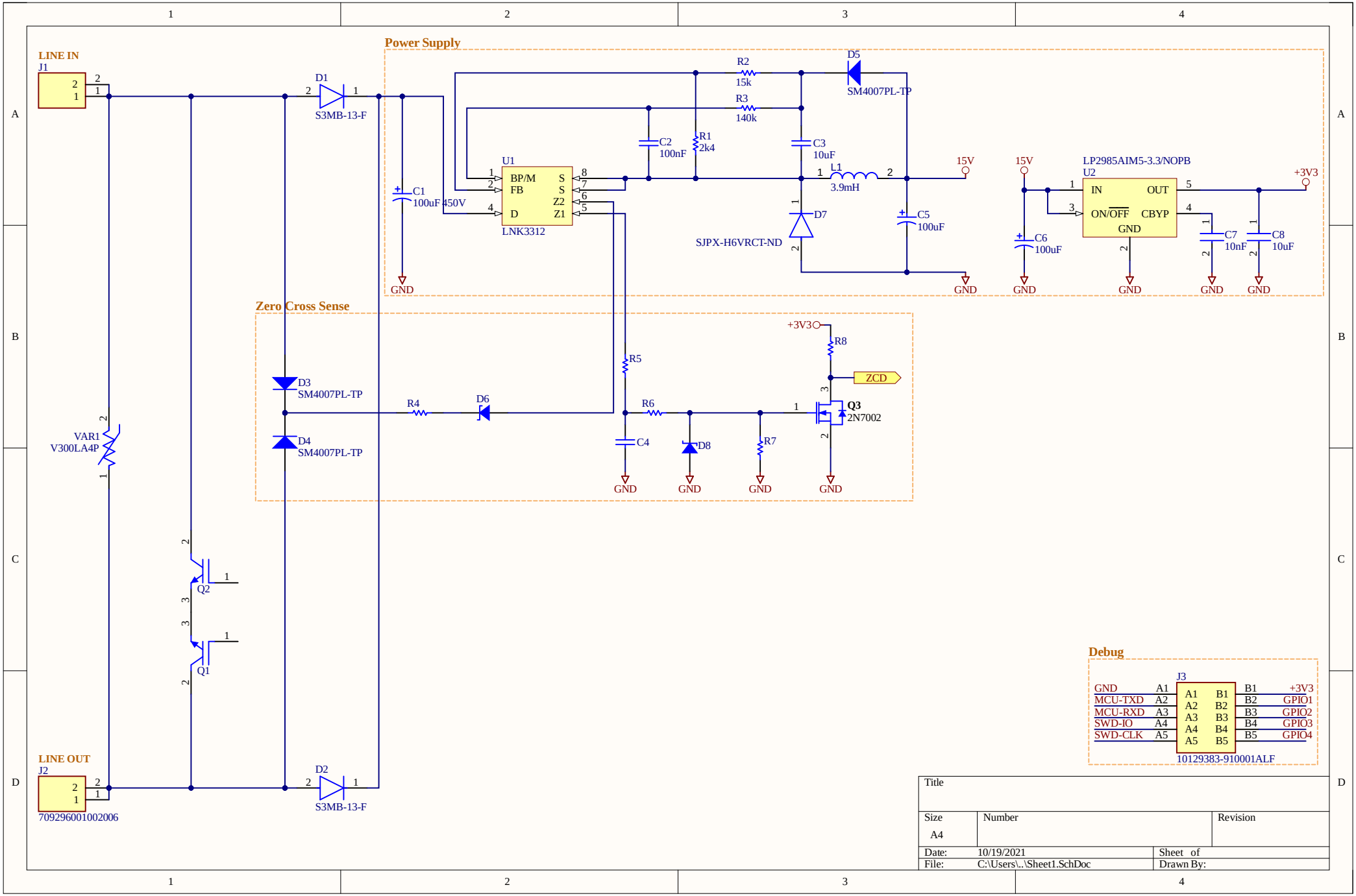
LINE IN
J1
D1
S3MB-13-F
Power Supply
R2
15k
D5
SM4007PL-TP
R3
140k
C2
100nF
R1
2k4
C3
10uF
U1
BP/M
FB
D
S
S
Z2
Z1
LNK3312
L1
3.9mH
15V
C1
100uF 450V
D7
SJPX-H6VRCT-ND
C5
100uF
GND
15V
LP2985AIM5-3.3/NOPB
U2
IN
OUT
ON/OFF
CBYP
GND
+3V3
C6
100uF
C7
10nF
C8
10uF
Zero Cross Sense
+3V3
R8
ZCD
R5
D3
SM4007PL-TP
R4
D6
R6
Q3
2N7002
D4
SM4007PL-TP
C4
D8
R7
VAR1
V300LA4P
Q2
Q1
LINE OUT
J2
709296001002006
D2
S3MB-13-F
Debug
J3
GND A1
MCU-TXD A2
MCU-RXD A3
SWD-IO A4
SWD-CLK A5
B1 +3V3
B2 GPIO1
B3 GPIO2
B4 GPIO3
B5 GPIO4
10129383-910001ALF
Title
Size
A4
Number
Revision
Date: 10/19/2021
Sheet of
File: C:\Users\..\Sheet1.SchDoc
Drawn By: