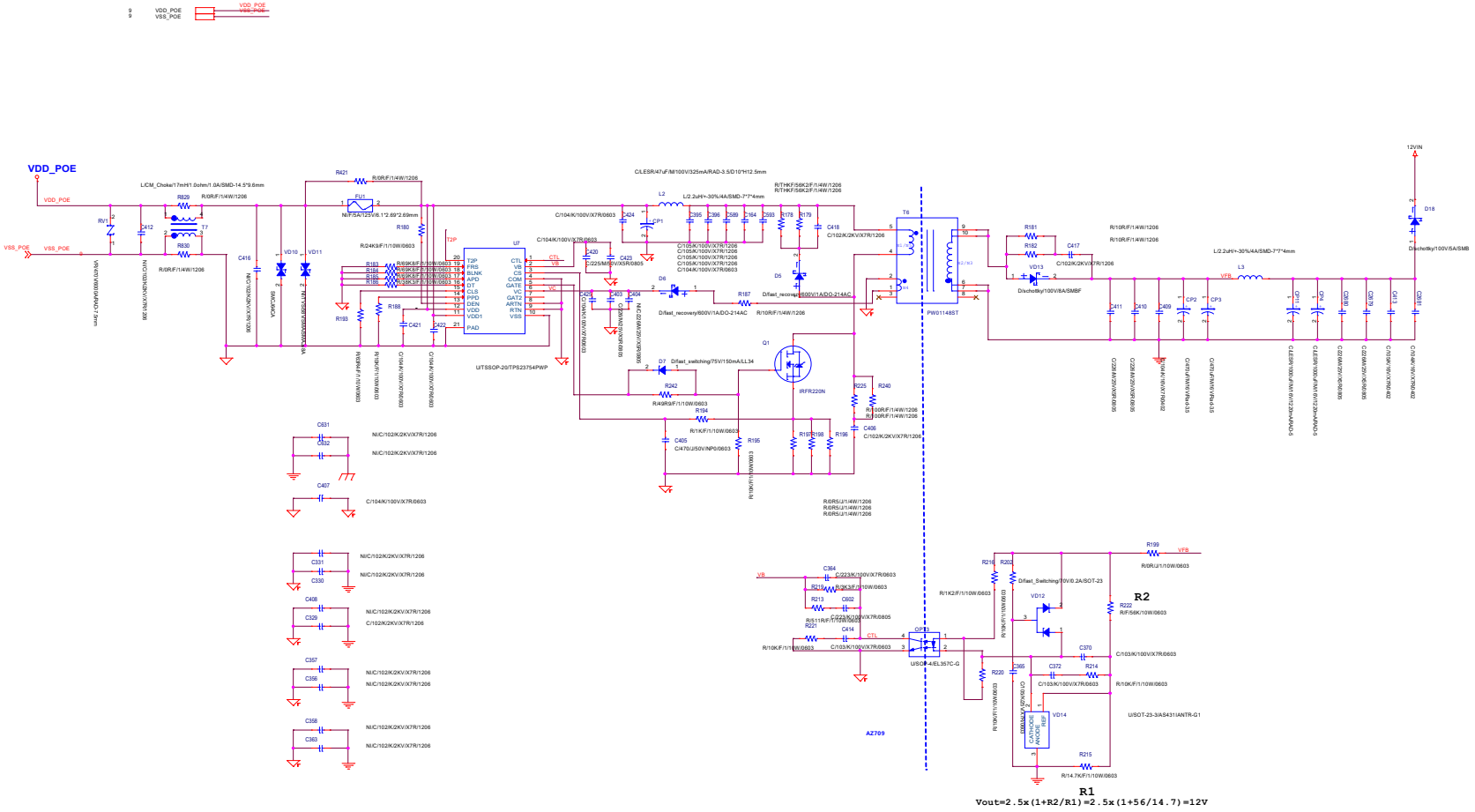
VDD_POE
VSS_POE
L/CM_Choke/17mH/1.0ohm/1.0A/SMD-14.5*9.6mm
R/0R/F/1/4W/1206
R421
FU1
NoFS/A/125V/6.1*2.69*2.69mm
R180
R24K9/F/1/10W/0603
T2P
U7
U/TSSOP-20/TPS23754PWP
C/104K/100V/X7R/0603
C/225/M/50V/X5R/0805
C/LESR/47uF/M/100V/325mA/RAD-3.5/D10*H12.5mm
L2
L/2.2uH/+-30%/4A/SMD-7*7*4mm
R/THKF/56K2/F/1/4W/1206
C/105K/100V/X7R/1206
C/102K/2KV/X7R/1206
T6
PW0114BST
D/fast_recovery/600V/1A/DO-214AC
D/fast_switching/75V/150mA/LL34
Q1
IRFR220N
D/fast_Switching/70V/0.2A/SOT-23
U/SOP-4-EL357C-G
AZ709
D/schottky/100V/5A/SMB
D/schottky/100V/8A/SMBF
12VIN
VFB
R1
Vout=2.5x(1+R2/R1)=2.5x(1+56/14.7)=12V
R2
U/SOT-23-3/AS431ANTR-G1
Project Name
Rev
0.1
Title
POE
Tool: Cadence
Author: Smaller Chou
Leader:
Date: Tuesday, August 06, 2019
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