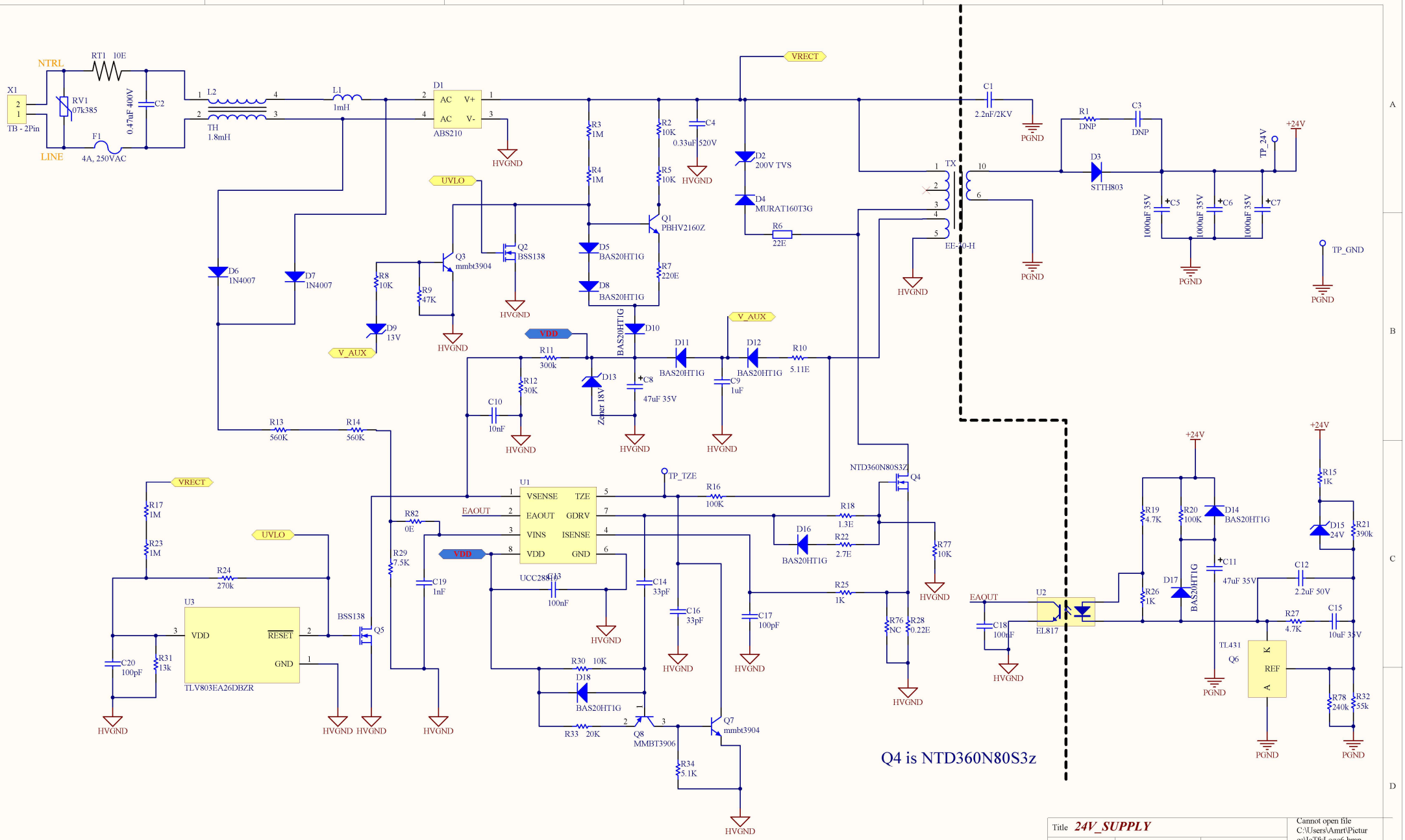
NTRL
RT1 10E
X1
TB - 2Pin
RV1 07k385
0.47uF 400V
C2
LINE
F1 4A, 250VAC
L2
TH 1.8mH
L1 1mH
D1 ABS210
AC V+
AC V-
HVGND
VRECT
C1 2.2nF/2KV
PGND
R1 DNP
C3 DNP
D3 STTH803
TP_24V
+24V
C5 1000uF 35V
C6 1000uF 35V
C7 1000uF 35V
TP_GND
TX
EE-20-H
R3 1M
R4 1M
R2 10K
R5 10K
C4 0.33uF 520V
D2 200V TVS
D4 MURAT160T3G
R6 22E
UVLO
Q1 PBHV2160Z
Q2 BSS138
Q3 mmbt3904
D5 BAS20HT1G
D8 BAS20HT1G
R7 220E
D6 1N4007
D7 1N4007
R8 10K
R9 47K
D9 13V
V_AUX
VDD
D10 BAS20HT1G
D11 BAS20HT1G
D12 BAS20HT1G
R10 5.11E
R11 300k
R12 30K
D13 Zener 18V
C8 47uF 35V
C9 1uF
C10 10nF
R13 560K
R14 560K
U1
VSENSE
EAOUT
VINS
VDD
TZE
GDRV
ISENSE
GND
TP_TZE
R16 100K
NTD360N80S3Z
Q4
R18 1.3E
R22 2.7E
D16 BAS20HT1G
R77 10K
R82 0E
R29 7.5K
C19 1nF
UCC28810
C13 100nF
C14 33pF
C16 33pF
C17 100pF
R25 1K
R76 NC
R28 0.22E
R30 10K
D18 BAS20HT1G
R33 20K
Q8 MMBT3906
Q7 mmbt3904
R34 5.1K
R17 1M
R23 1M
R24 270k
U3
VDD
RESET
GND
TLV803EA26DBZR
BSS138
Q5
C20 100pF
R31 13k
EAOUT
U2
EL817
C18 100nF
R19 4.7K
R20 100K
D14 BAS20HT1G
D17 BAS20HT1G
C11 47uF 35V
R26 1K
R15 1K
D15 24V
R21 390k
C12 2.2uF 50V
R27 4.7K
C15 10uF 35V
TL431
Q6
K
REF
A
R78 240k
R32 55k
Q4 is NTD360N80S3z
Title 24V_SUPPLY
Size: B
Number: 1
Revision: 02
Date: 12-12-2022
Time: 19:19:13
Sheet 01 of 03
DrawnBy: Subham
Cannot open file C:\Users\Amrt\Pictures\IoTfyLogo6.bmp