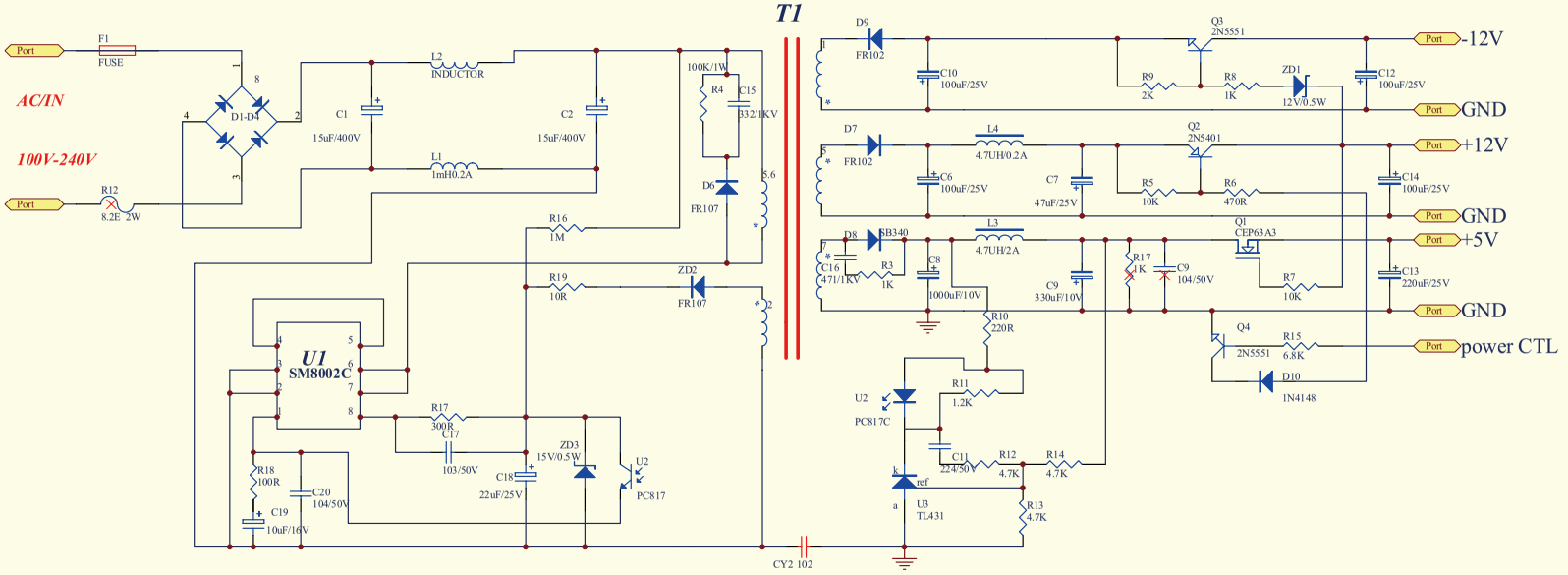
T1
Port
F1
FUSE
AC/IN
100V-240V
R12
8.2E 2W
D1-D4
L2
INDUCTOR
L1
1mH0.2A
C1
15uF/400V
C2
15uF/400V
100K/1W
R4
C15
332/1KV
D6
FR107
5.6
R16
1M
R19
10R
ZD2
FR107
U1
SM8002C
R17
300R
C17
103/50V
C18
22uF/25V
ZD3
15V/0.5W
U2
PC817
R18
100R
C20
104/50V
C19
10uF/16V
CY2 102
D9
FR102
C10
100uF/25V
Q3
2N5551
R9
2K
R8
1K
ZD1
12V/0.5W
C12
100uF/25V
-12V
GND
D7
FR102
L4
4.7UH/0.2A
C6
100uF/25V
C7
47uF/25V
Q2
2N5401
R5
10K
R6
470R
C14
100uF/25V
+12V
GND
D8
SB340
L3
4.7UH/2A
C16
471/1KV
R3
1K
C8
1000uF/10V
C9
330uF/10V
Q1
CEP63A3
R17
1K
C9
104/50V
R7
10K
C13
220uF/25V
+5V
GND
R10
220R
Q4
2N5551
R15
6.8K
D10
1N4148
power CTL
U2
PC817C
R11
1.2K
C11
224/50V
R12
4.7K
R14
4.7K
ref
U3
TL431
R13
4.7K