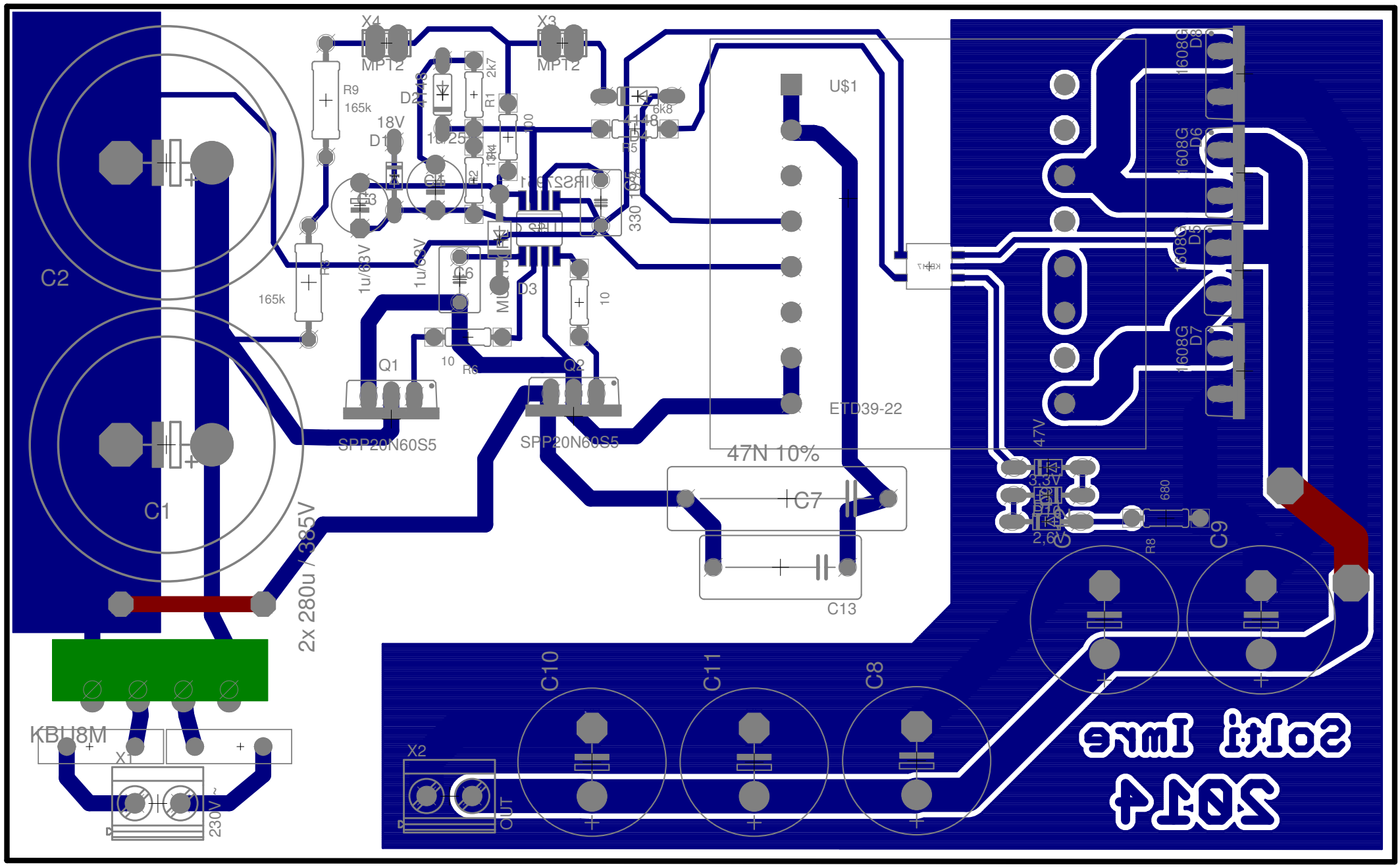
X4
MP12
X3
MP12
R9
165k
D2
18V
D1
1u/25
2k7
R1
6k8
330
U$1
C2
C1
165k
1u/63V
1u/63V
C6
D3
10
10
R6
Q1
Q2
SPP20N60S5
SPP20N60S5
ETD39-22
47N 10%
C7
C13
2x 280u / 385V
1608G
D6
1608G
D7
47V
3,3V
2,6
680
R8
C9
C10
C11
C8
X2
OUT
KBU8M
X1
230V ~