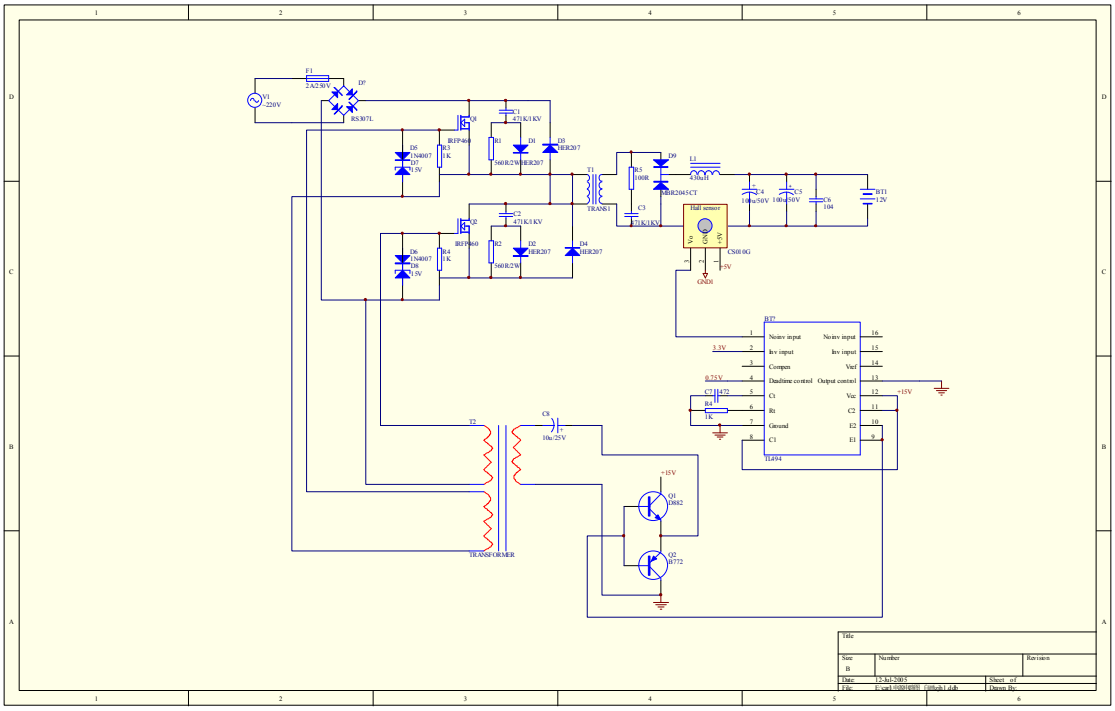

F1
2A/250V
D7
RS307L
V1
~220V
Q1
IRFP460
C1
471K/1KV
R1
560R/2W
D1
HER207
D3
HER207
D5
1N4007
D7
15V
R3
1K
T1
TRANS1
R5
100R
D9
MBR2045CT
C3
471K/1KV
L1
430uH
C4
100u/50V
C5
100u/50V
C6
104
BT1
12V
Hall sensor
Vo
GND
+5V
CS010G
GND1
Q2
IRFP460
C2
471K/1KV
R2
560R/2W
D2
HER207
D4
HER207
D6
1N4007
D8
15V
R4
1K
BT7
Noinv input
Inv input
Compen
Deadtime control
Ct
Rt
Ground
C1
Noinv input
Inv input
Vref
Output control
Vcc
C2
E2
E1
TL494
3.3V
0.75V
C7
472
R4
1K
+15V
T2
TRANSFORMER
C8
10u/25V
Q1
D882
Q2
B772
Title
Size
B
Number
Revision
Date
12-Jul-2005
Sheet of
File
E:\cad\5000HBBN_GB\gb1.ddb
Drawn By: