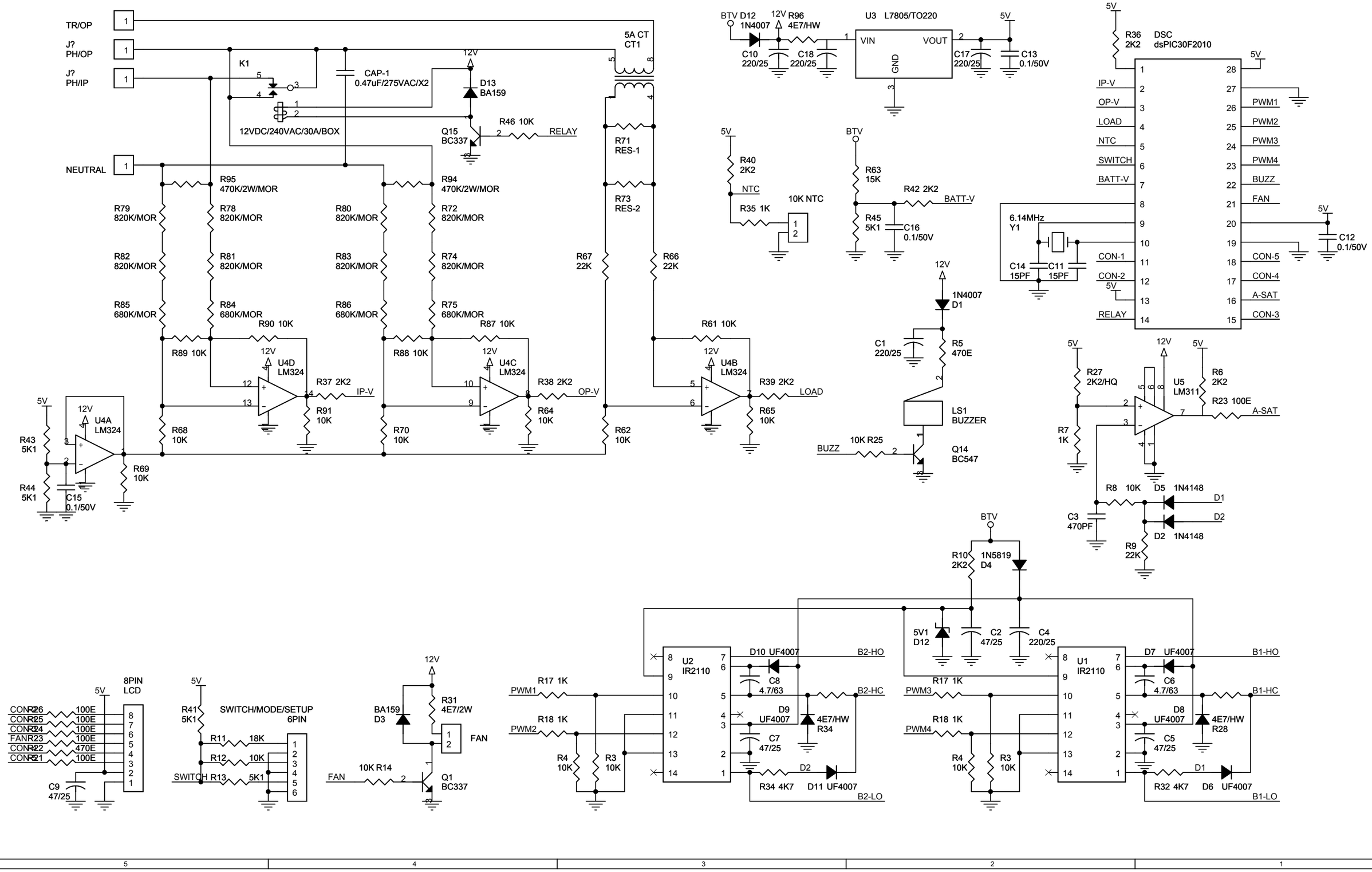
TR/OP
J?
PH/OP
J?
PH/IP
NEUTRAL
K1
12VDC/240VAC/30A/BOX
CAP-1
0.47uF/275VAC/X2
5A CT
CT1
D13
BA159
Q15
BC337
R46 10K
RELAY
R71
RES-1
R73
RES-2
R67
22K
R66
22K
R95
470K/2W/MOR
R94
470K/2W/MOR
R79
820K/MOR
R78
820K/MOR
R80
820K/MOR
R72
820K/MOR
R82
820K/MOR
R81
820K/MOR
R83
820K/MOR
R74
820K/MOR
R85
680K/MOR
R84
680K/MOR
R86
680K/MOR
R75
680K/MOR
R89 10K
R90 10K
R88 10K
R87 10K
R61 10K
U4D
LM324
U4C
LM324
U4B
LM324
R37 2K2
IP-V
R38 2K2
OP-V
R39 2K2
LOAD
R91
10K
R64
10K
R65
10K
R68
10K
R70
10K
R62
10K
U4A
LM324
R43
5K1
R44
5K1
C15
0.1/50V
R69
10K
BTV
D12
1N4007
12V
R96
4E7/HW
U3
L7805/TO220
VIN
VOUT
GND
C10
220/25
C18
220/25
C17
220/25
C13
0.1/50V
5V
R40
2K2
NTC
R35 1K
10K NTC
R63
15K
R42 2K2
BATT-V
R45
5K1
C16
0.1/50V
1N4007
D1
C1
220/25
R5
470E
LS1
BUZZER
BUZZ
10K R25
Q14
BC547
R36
2K2
DSC
dsPIC30F2010
IP-V
OP-V
LOAD
NTC
SWITCH
BATT-V
RELAY
PWM1
PWM2
PWM3
PWM4
BUZZ
FAN
CON-1
CON-2
CON-5
CON-4
A-SAT
CON-3
6.14MHz
Y1
C14
15PF
C11
15PF
C12
0.1/50V
R27
2K2/HQ
U5
LM311
R6
2K2
R23 100E
A-SAT
R7
1K
R8 10K
D5 1N4148
D1
D2
C3
470PF
R9
22K
R10
2K2
1N5819
D4
BTV
5V1
D12
C2
47/25
C4
220/25
8PIN
LCD
CONR26 100E
CONR25 100E
CONR24 100E
FANR23 100E
CONR22 470E
CONR21 100E
C9
47/25
SWITCH/MODE/SETUP
6PIN
R41
5K1
R11 18K
R12 10K
SWITCH R13 5K1
BA159
D3
R31
4E7/2W
FAN
10K R14
Q1
BC337
U2
IR2110
U1
IR2110
R17 1K
R18 1K
R4
10K
R3
10K
D10 UF4007
D9
UF4007
D2
D11 UF4007
D7 UF4007
D8
UF4007
D1
D6 UF4007
C8
4.7/63
C7
47/25
C6
4.7/63
C5
47/25
4E7/HW
R34
R34 4K7
4E7/HW
R28
R32 4K7
B2-HO
B2-HC
B2-LO
B1-HO
B1-HC
B1-LO