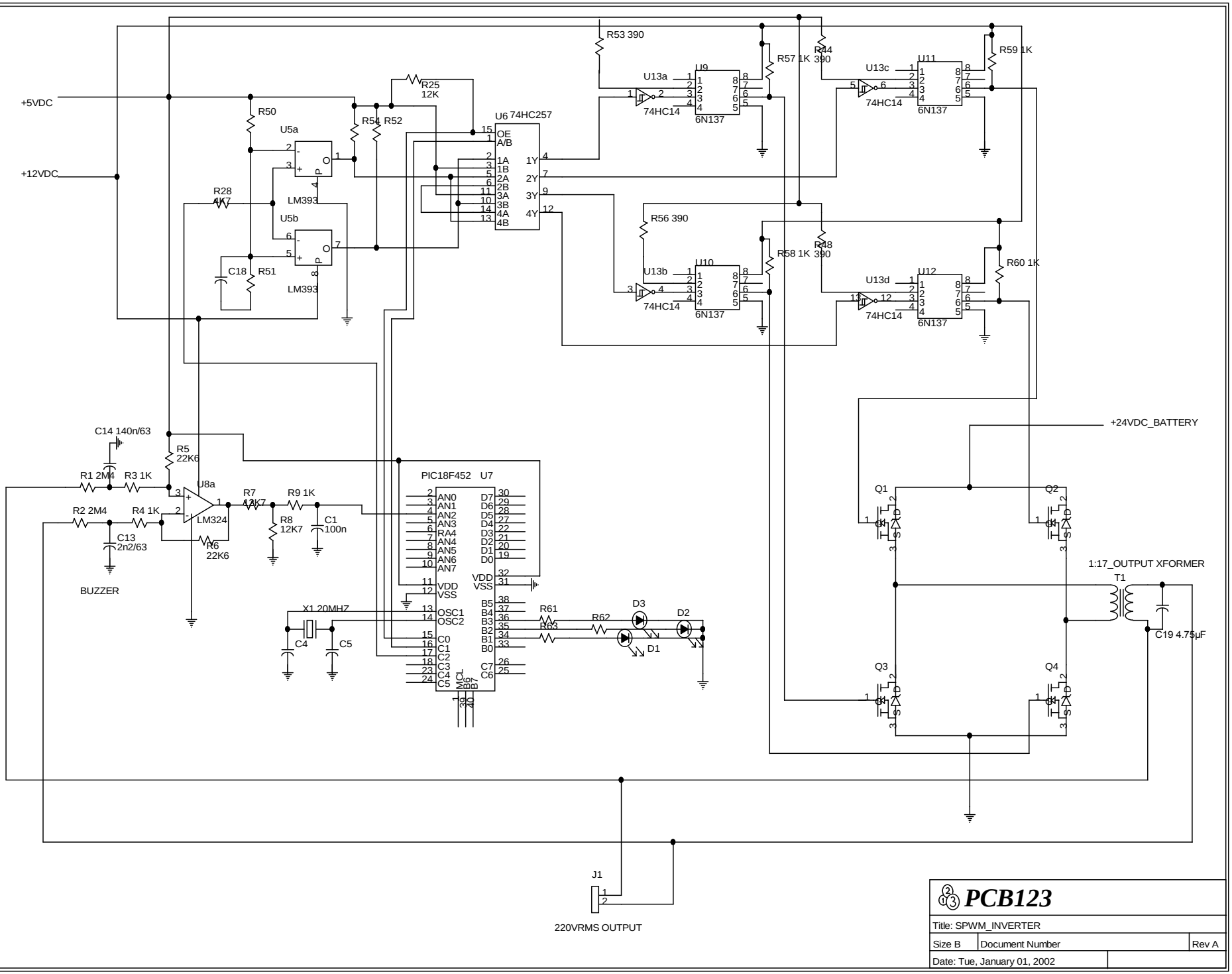
+5VDC
+12VDC
R50
R25 12K
R54
R52
U5a
U5b
LM393
R28 4K7
C18
R51
U6 74HC257
OE
A/B
1A
1B
2A
2B
3A
3B
4A
4B
1Y
2Y
3Y
4Y
R53 390
R56 390
U13a
U13b
U13c
U13d
74HC14
U9
U10
U11
U12
6N137
R57 1K
R58 1K
R59 1K
R60 1K
R44 390
R48 390
+24VDC_BATTERY
Q1
Q2
Q3
Q4
1:17_OUTPUT XFORMER
T1
C19 4.75µF
C14 140n/63
R5 22K6
R1 2M4
R3 1K
R2 2M4
R4 1K
U8a
LM324
R7 12K7
R9 1K
R8 12K7
C1 100n
C13 2n2/63
R6 22K6
BUZZER
PIC18F452 U7
AN0
AN1
AN2
AN3
RA4
AN4
AN5
AN6
AN7
VDD
VSS
OSC1
OSC2
C0
C1
C2
C3
C4
C5
MCL
B6
B7
D7
D6
D5
D4
D3
D2
D1
D0
B5
B4
B3
B2
B1
B0
C7
C6
X1 20MHZ
C4
C5
R61
R62
R63
D3
D2
D1
J1
220VRMS OUTPUT
PCB123
Title: SPWM_INVERTER
Size B
Document Number
Rev A
Date: Tue, January 01, 2002