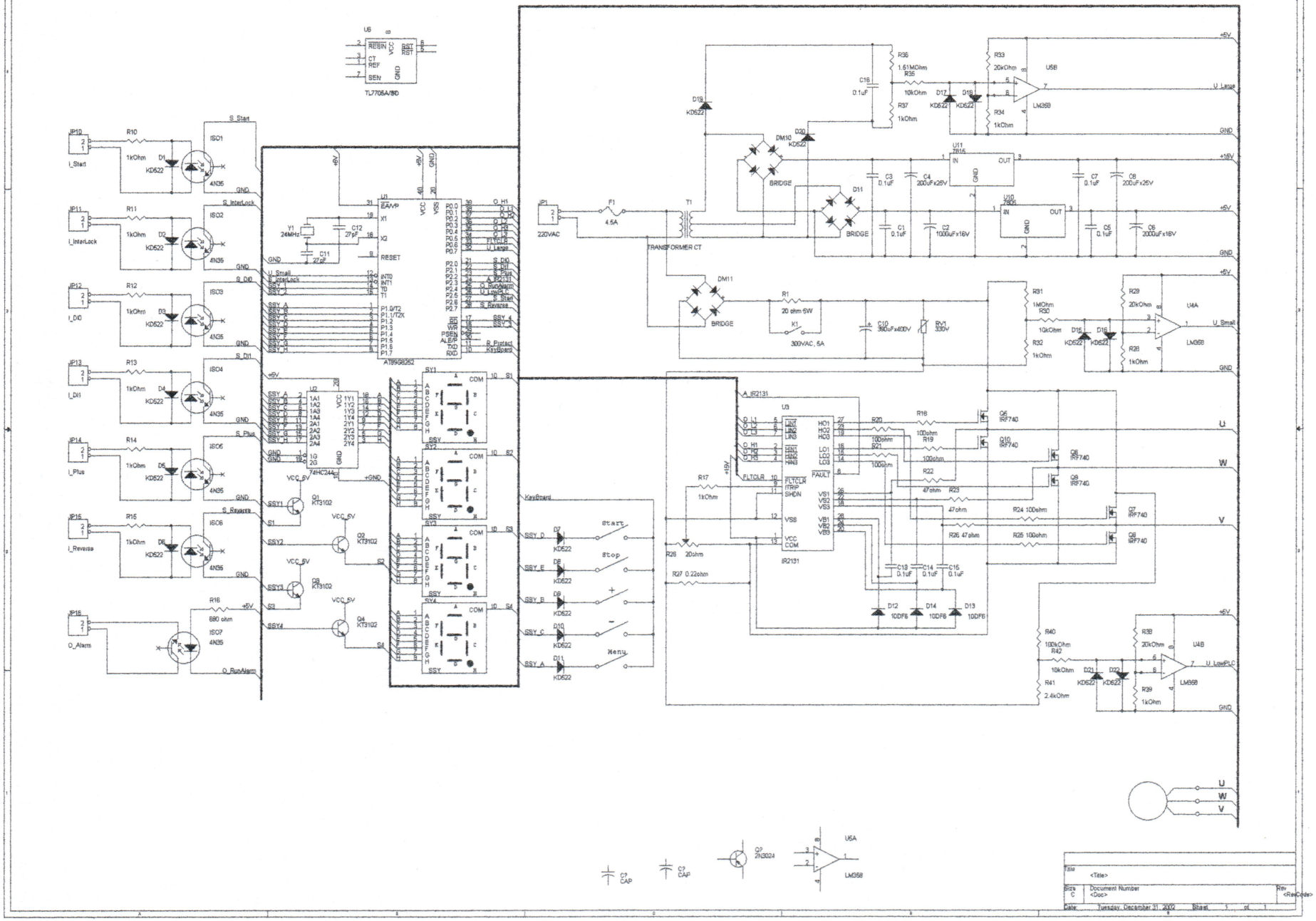
U6
TL7705A/8D
RESIN
RST
CT
REF
SEN
GND
VCC
JP10
I_Start
R10
1kOhm
D1
KD522
ISO1
4N35
S_Start
JP11
I_InterLock
R11
D2
ISO2
S_InterLock
JP12
I_DI0
R12
D3
ISO3
S_DI0
JP13
I_DI1
R13
D4
ISO4
S_DI1
JP14
I_Plus
R14
D5
ISO5
S_Plus
JP15
I_Reverse
R15
D6
ISO6
S_Reverse
JP16
O_Alarm
R16
680 ohm
ISO7
O_RunAlarm
U1
AT89S8252
Y1
24MHz
C12
27pF
C11
RESET
U_Small
S_InterLock
SSY_A
SSY_B
SSY_C
SSY_D
SSY_E
SSY_F
SSY_G
SSY_H
O_H1
O_H2
O_H3
O_L1
O_L2
O_L3
FLTCLR
U_Large
S_DI0
S_DI1
S_Plus
A_IR2131
S_Reverse
S_Start
R_Protect
KeyBoard
U2
74HC244
SY1
SY2
SY3
SY4
COM
SSY
S1
S2
S3
S4
Q1
KT3102
Q2
Q3
Q4
VCC_5V
+GND
KeyBoard
Start
Stop
Menu
JP1
220VAC
F1
4.5A
TRANSFORMER CT
BRIDGE
DM10
DM11
D11
D19
D20
C1
C2
C3
C4
C5
C6
C7
C8
C16
1000uFx16V
200uFx25V
0.1uF
U11
7815
U10
7805
R1
20 ohm 5W
K1
300VAC, 5A
C10
390uFx400V
RV1
330V
R36
1.51MOhm
R37
1kOhm
R33
20kOhm
R34
R35
10kOhm
U5B
LM393
R31
1MOhm
R30
R32
R29
R28
U4A
LM358
U_Small
U_Large
U_LowPLC
+5V
+15V
GND
U3
IR2131
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
100ohm
47ohm
20ohm
0.22ohm
Q5
Q6
Q7
Q8
Q9
Q10
IRF740
D12
D13
D14
10DF6
C13
C14
C15
R40
R42
R41
2.4kOhm
R38
R39
D21
D22
U
W
V
C? CAP
Q? 2N3024
U5A
LM358
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Size
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Document Number
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Rev
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Date:
Tuesday, December 31, 2002
Sheet
1
of
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