

PIC16F684-> R22A
PIC16F182X-> R22B

CAUTION: BOARD GROUND IS CONNECTED TO NEUTRAL

XTBM

AC INPUT

NEUTRAL HOT

C5
MOV1

R20 FIXED CONTRAST J1
R26A
R26B
R21 ADJ CONTRAST U4

R30
(BACKLIT)

R25
5K
CONTRAST ADJ

R5
R6
C6
C7
R8

R23
R24
C13
L3
C12
C11
R19

C15
C10 (OPT)
R17
D5
D13
Q2
R15

R27 C4
R28 D2
R29 D1
R2 (R28, R29 PRD)

TS1

F1

C1
.22uF

R1

L1 8.2uH

L2 8.2uH

U1
C20
U2
C19
U3

120V 240V 120V
JUMPER ON BOTTOM FOR DUAL PRIMARY
X1
16 VCT

C16
Q1

R3
R4

C2
C3+
10uF
C18

R7 D3
R10 R11
R9
D4
C8

R16
C9
R13
R12

C17

U5
C21

(FOR PRD)
S2

D12 D11
D10 D9

(FOR PRD)
S1