IC2
7805
D1
4002
R1
47K
C2
100n
C1
100n
C4
10u
C3
100n
C5
18p
C6
18p
X1
4MHz
IC1
PIC16F876
MCLR
VDD
VSS
Gnd
+ 13.8V - Yaesu CAT
connector PIN '+13.8V'
Gnd
PIC16F876 programming interface
Gnd (Alarm LED - Red - LED2)
Gnd (Alarm buzzer - BUZ1)
Gnd (connect to the sleeve of the 3.5mm phone plug named 'Radio interface' at the rear of the MFJ-993)
Gnd - Yaesu CAT connector PIN 'GND'
RX - Yaesu CAT connector PIN 'TX D'
TX - Yaesu CAT connector PIN 'RX D'
Alarm buzzer - BUZ1
Alarm LED - Red - LED2
Key (connect to the tip of the 3.5mm phone plug named 'Radio interface' at the rear of the MFJ-993)