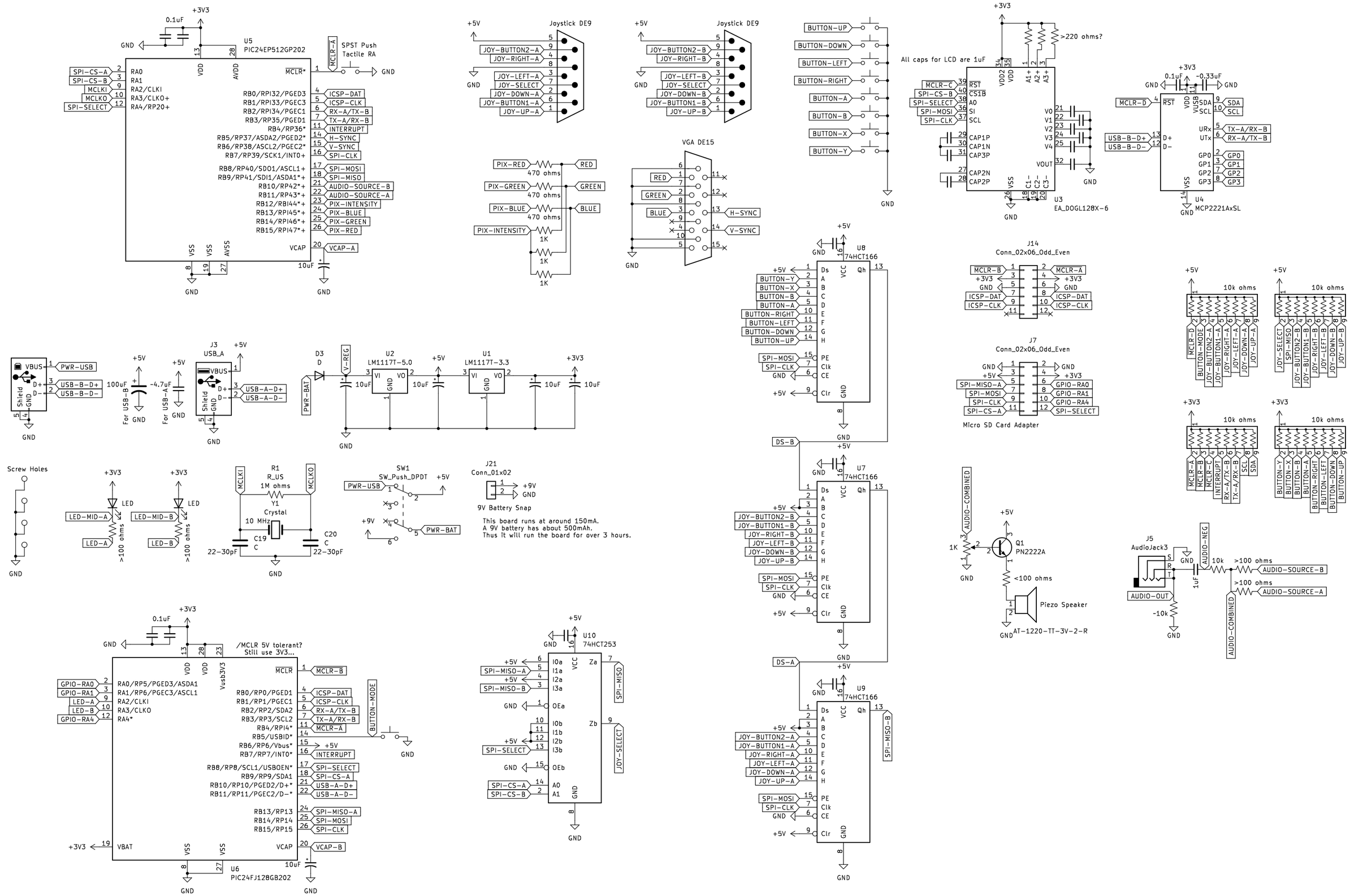
U5
PIC24EP512GP202
SPST Push
Tactile RA
Joystick DE9
VGA DE15
All caps for LCD are 1uF
>220 ohms?
U3
EA_DOGL128X-6
U4
MCP2221AxSL
J14
Conn_02x06_Odd_Even
J7
Conn_02x06_Odd_Even
Micro SD Card Adapter
U8
74HCT166
U7
74HCT166
U9
74HCT166
U10
74HCT253
J3
USB_A
U2
LM1117T-5.0
U1
LM1117T-3.3
Screw Holes
R1
R_US
1M ohms
Y1
Crystal
10 MHz
SW1
SW_Push_DPDT
J21
Conn_01x02
9V Battery Snap
This board runs at around 150mA.
A 9V battery has about 500mA.
Thus it will run the board for over 3 hours.
Q1
PN2222A
Piezo Speaker
AT-1220-TT-3V-2-R
J5
AudioJack3
/MCLR 5V tolerant?
Still use 3V3...
U6
PIC24FJ128GB202