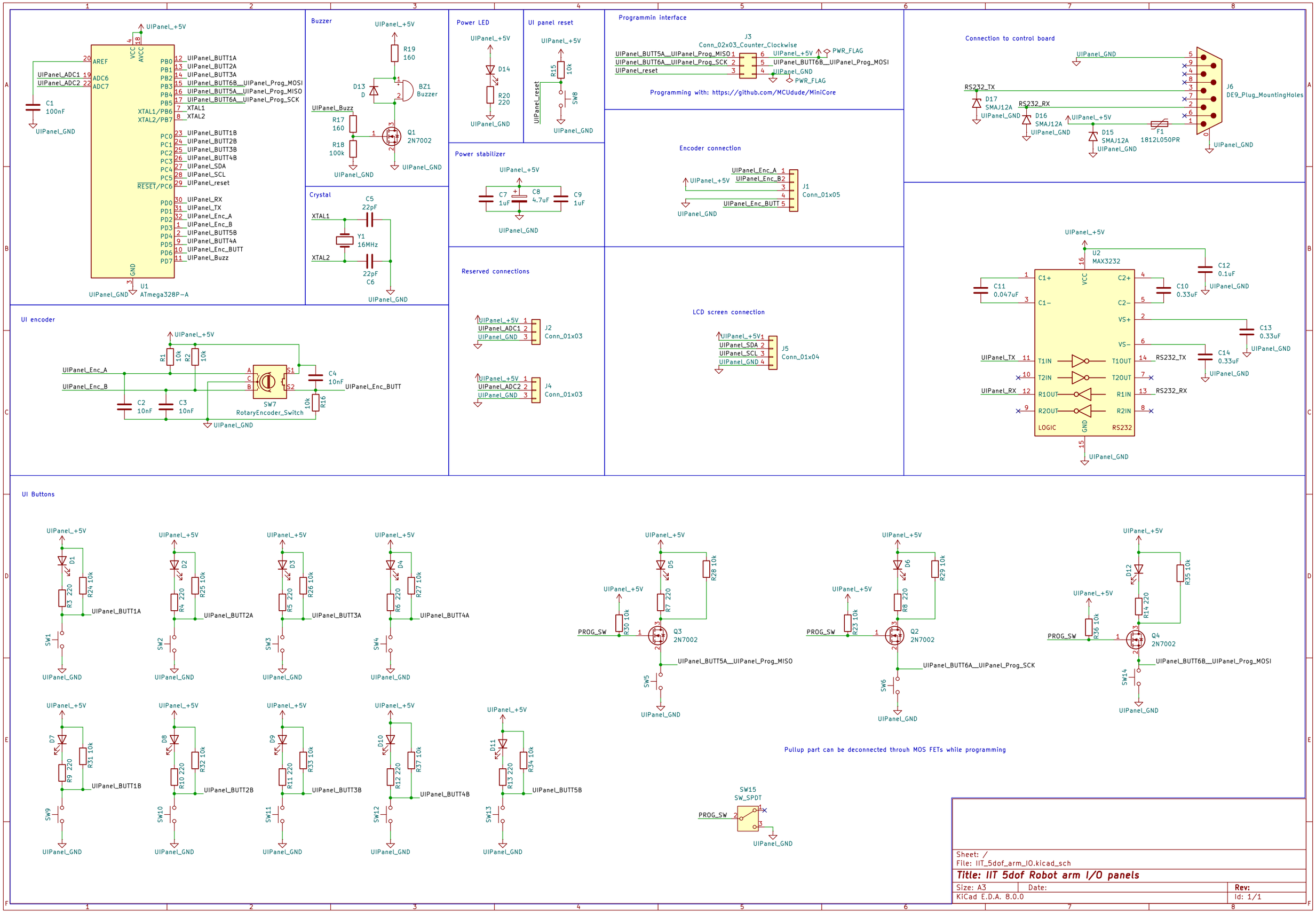
UI encoder
UI Buttons
Buzzer
Crystal
Power LED
UI panel reset
Programmin interface
Programming with: https://github.com/MCUdude/MiniCore
Connection to control board
Power stabilizer
Encoder connection
Reserved connections
LCD screen connection
Pullup part can be deconnected throuh MOS FETs while programming
U1
ATmega328P-A
U2
MAX3232
J3
Conn_02x03_Counter_Clockwise
J6
DE9_Plug_MountingHoles
J1
Conn_01x05
J2
Conn_01x03
J4
Conn_01x03
J5
Conn_01x04
SW7
RotaryEncoder_Switch
SW15
SW_SPDT
Sheet: /
File: IIT_5dof_arm_IO.kicad_sch
Title: IIT 5dof Robot arm I/O panels
Size: A3
Date:
Rev:
KiCad E.D.A. 8.0.0
Id: 1/1