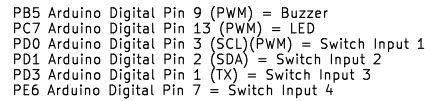NOTES:

1. WHERE APPLICABLE, UNLESS OTHERWISE SPECIFIED:
    ALL RESISTANCES ARE IN OHMS
    ALL CAPACITANCES ARE IN FARADS
    ALL VOLTAGES ARE DC
    THE SYMBOL _ REPRESENTS A SPACE

2. DNI = DO NOT INSTALL

SCHEMATIC
Safe-To-Mate-O-Matic V3
DRAGONFLY

CAGE CODE	SIZE	DWG NO.	REV
88898	B	5303-0191	A

FILE: Safe-To-Mate-O-Matic-v3.kicad_sch
DATE: 2023-06-25
KiCad E.D.A. kicad 7.0.6   SCALE: NONE   DO NOT SCALE PRINT   SHEET 1 OF 1

REVISIONS
REV | DESCRIPTION
− | Initial Release

PB5 Arduino Digital Pin 9 (PWM) = Buzzer
PC7 Arduino Digital Pin 13 (PWM) = LED
PD0 Arduino Digital Pin 3 (SCL)(PWM) = Switch Input 1
PD1 Arduino Digital Pin 2 (SDA) = Switch Input 2
PD3 Arduino Digital Pin 1 (TX) = Switch Input 3
PE6 Arduino Digital Pin 7 = Switch Input 4

J1 USB_B
J2 SM09B-GHS-TB
J3 ICSP Programming Header
U1 ATmega32U4-A
Y2 CSTNE16M0V530000R0
SW1 KMR2
BZ1 WST-1210T
D1 SFH203FA
D2 BLUE LED
D3 ESDA6V1BC6
Q1 MMBT3904
Q2 MMBT3904