Inputs:

3 buttons for game – D/i

Left – PB1

Middle – PB2

Right – PB3

Joystick – A/i

AVCC to AVCC

X – PC0

Y – PC1

Power Switch – D/i

No I/O pins

Start Button – D/i

PB4

~~Vibration Sensor – D/i~~

Gyroscope/Accelerometer

SDA – PC4

SCL – PC5

Outputs:

Multi LED for success/fail – D/o

Red – PD0

Green – PD1

Speaker – D/o

PD3

Table

Description automatically generated

Eeg.data – dimensions: channel, data, number of trials

Eeg Keep channel names

Eeg\_patientnumber\_v1.mat

Double check that eeg data is 240 samples in length