

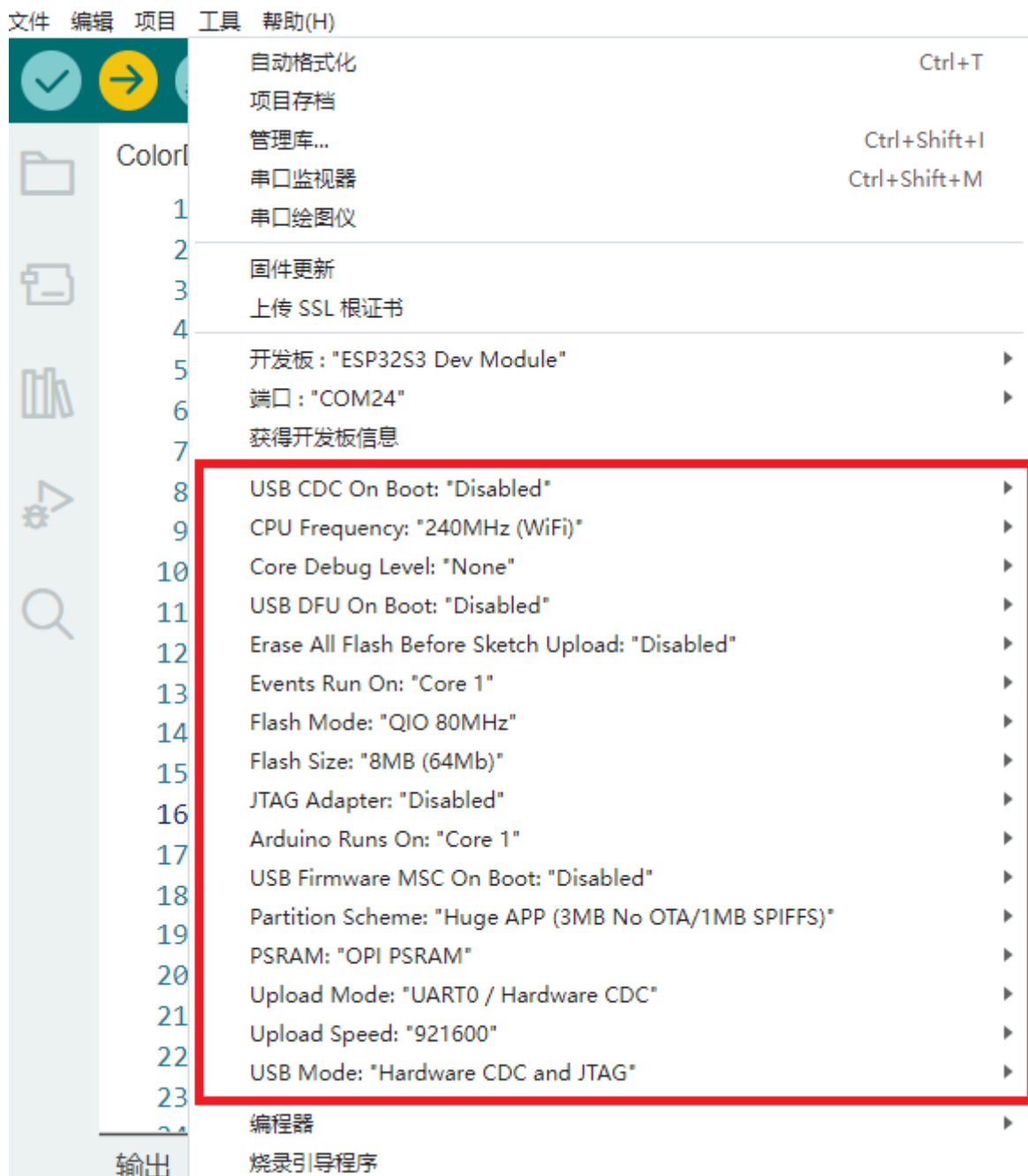
README

• Notices for Development Board Selection

Select **ESP32S3 Dev Module** as the development board



Click on the Tool in menu bar, and refer to the the configuration highlighted in the red box below for setup.



• Line Following IIC Register Instruction (Device address: 0x52)

Line Following (Image Resolution: 160x120)

Register address	Data format (unsigned char)
0xA0	Region 1 data[0]:X-axis Coordinated of the red center data[1]:Y-axis Coordinated of the red center data[2]:Width of the red detection box data[3]:Length of the red detection box

Register address	Data format (unsigned char)
0xA1	Region 2 data[0]:X-axis Coordinated of the red center data[1]:Y-axis Coordinated of the red center data[2]:Width of the red detection box data[3]:Length of the red detection box
0xA2	Region 1 data[0]:X-axis Coordinated of the green center data[1]:Y-axis Coordinated of the green center data[2]:Width of the green detection box data[3]:Length of the green detection box
0xA3	Region 2 data[0]:X-axis Coordinated of the green center data[1]:Y-axis Coordinated of the green center data[2]:Width of the green detection box data[3]:Length of the green detection box
0xA4	Region 1 data[0]:X-axis Coordinated of the blue center data[1]:Y-axis Coordinated of the blue center data[2]:Width of the blue detection box data[3]:Length of the blue detection box
0xA5	Region 2 data[0]:X-axis Coordinated of the blue center data[1]:Y-axis Coordinated of the blue center data[2]:Width of the blue detection box data[3]:Length of the blue detection box
0xA6	Region 1 data[0]:X-axis Coordinated of the purple center data[1]:Y-axis Coordinated of the purple center data[2]:Width of the purple detection box data[3]:Length of the purple detection box
0xA7	Region 2 data[0]:X-axis Coordinated of the purple center data[1]:Y-axis Coordinated of the purple center data[2]:Width of the purple detection box data[3]:Length of the purple detection box