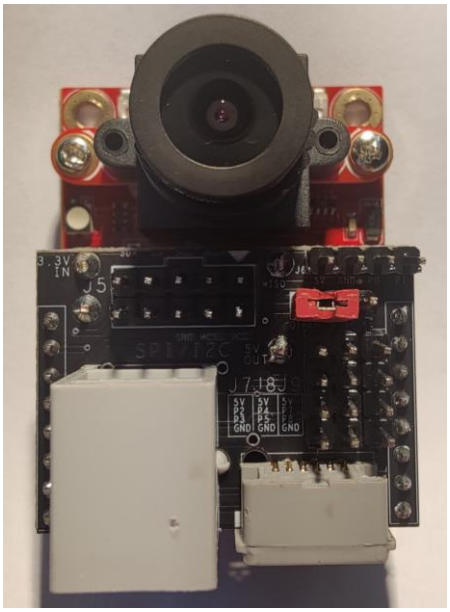
OpenMV I/F Board
USERS GUIDE

[Rev 1.0]



2023. 09. 21

HAKYEONG JEON

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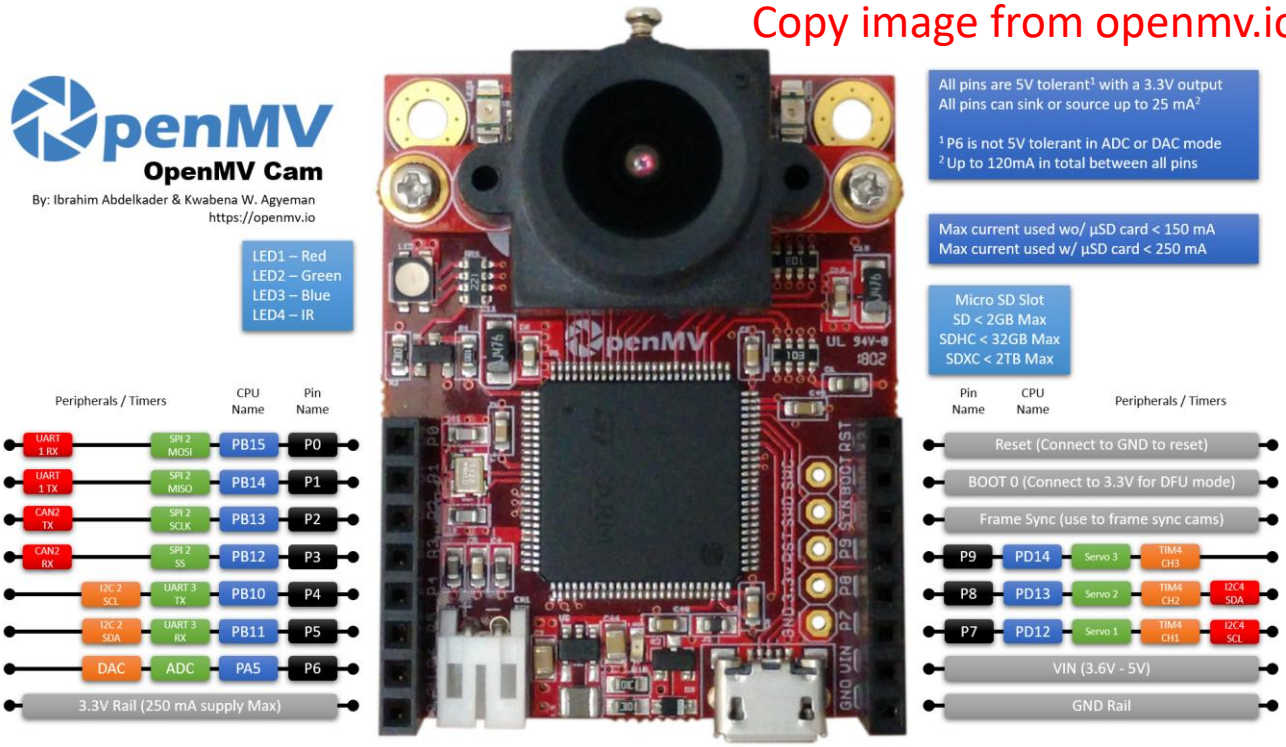
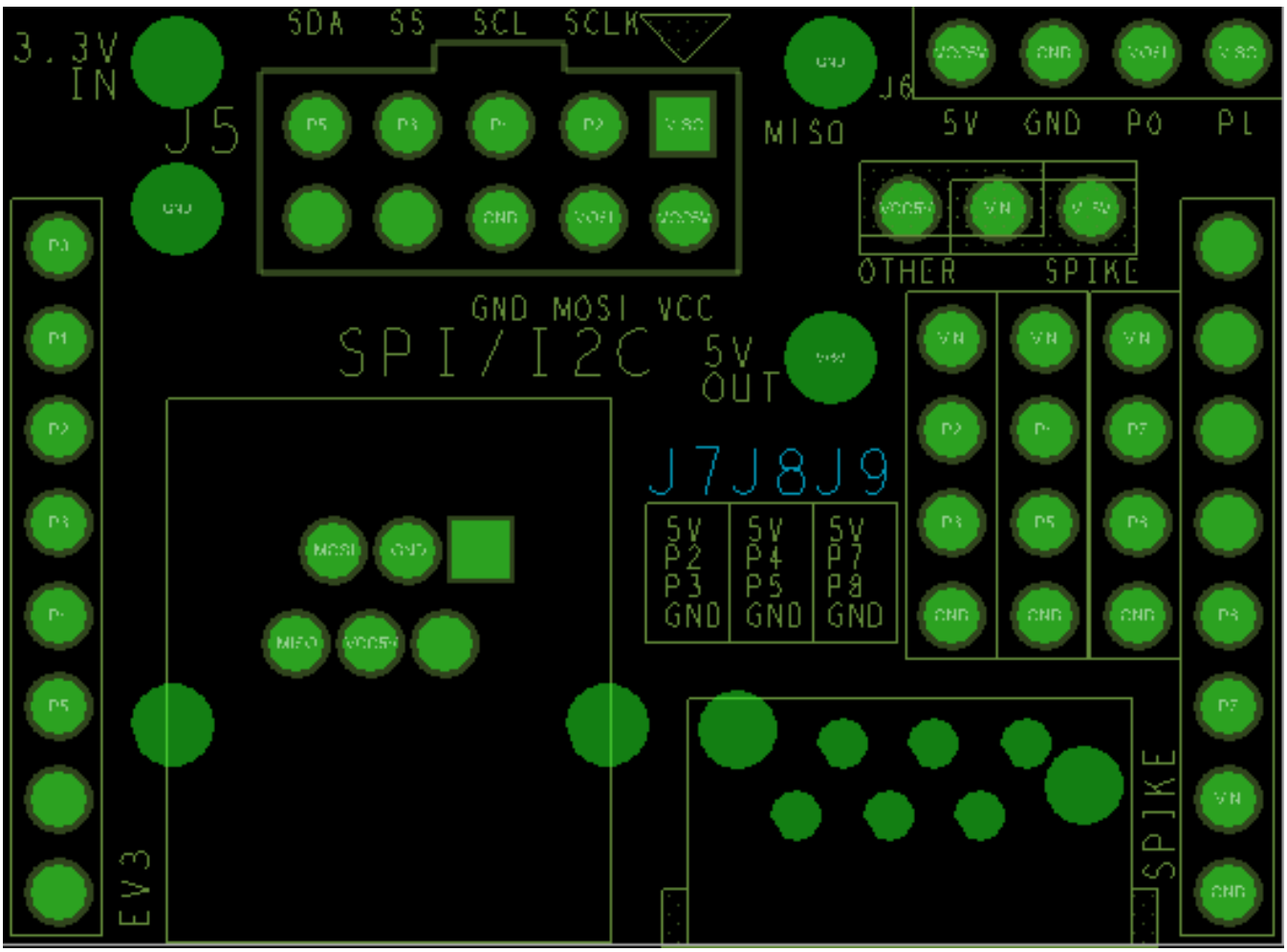
BOARD IMAGE

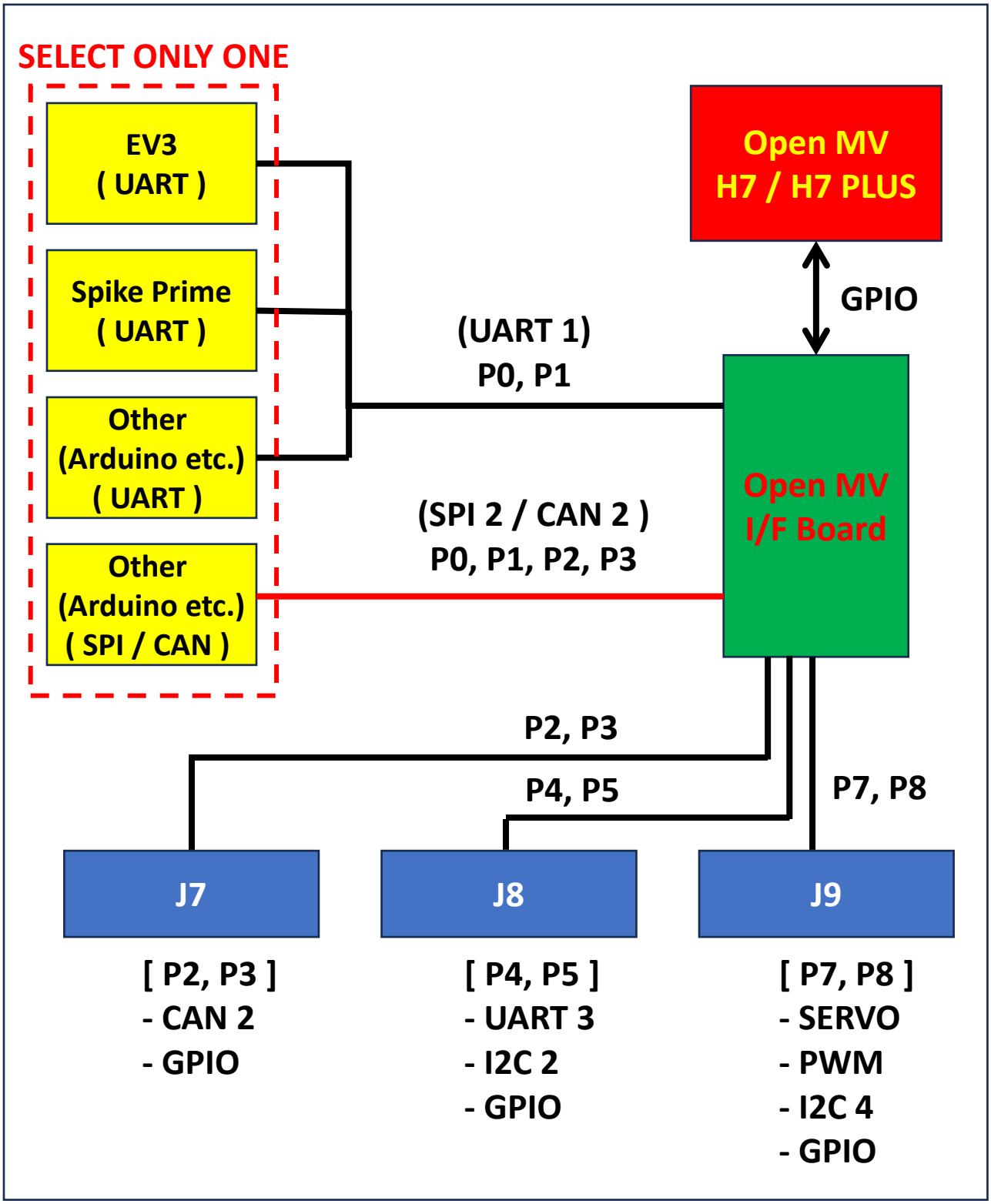
Copy image from openmv.io



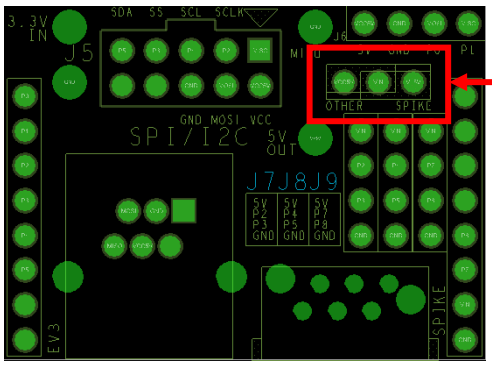


OpenMV I/F Board

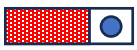
BLOCK DIAGRAM



VOLTAGE SELECTION

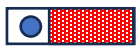


VOLTAGE SELECT JUMPER



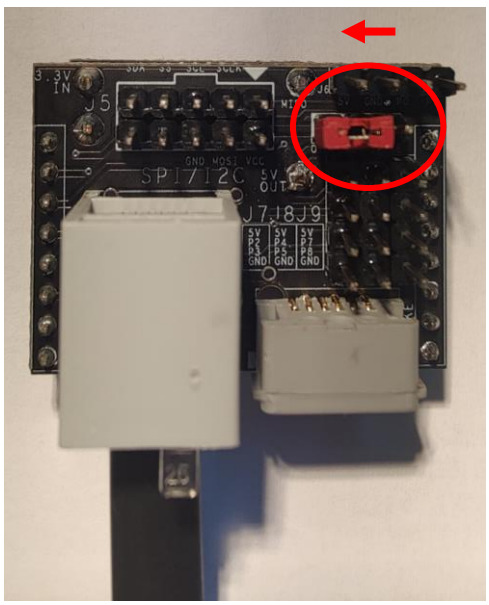
5V SOURCE

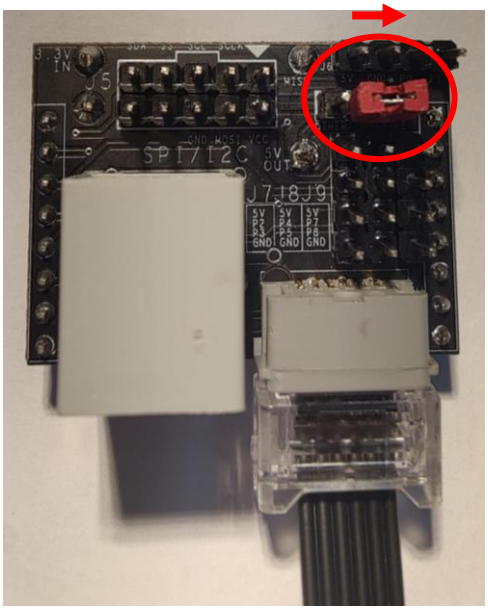
EV3



3.3V SOURCE

SPIKE PRIME

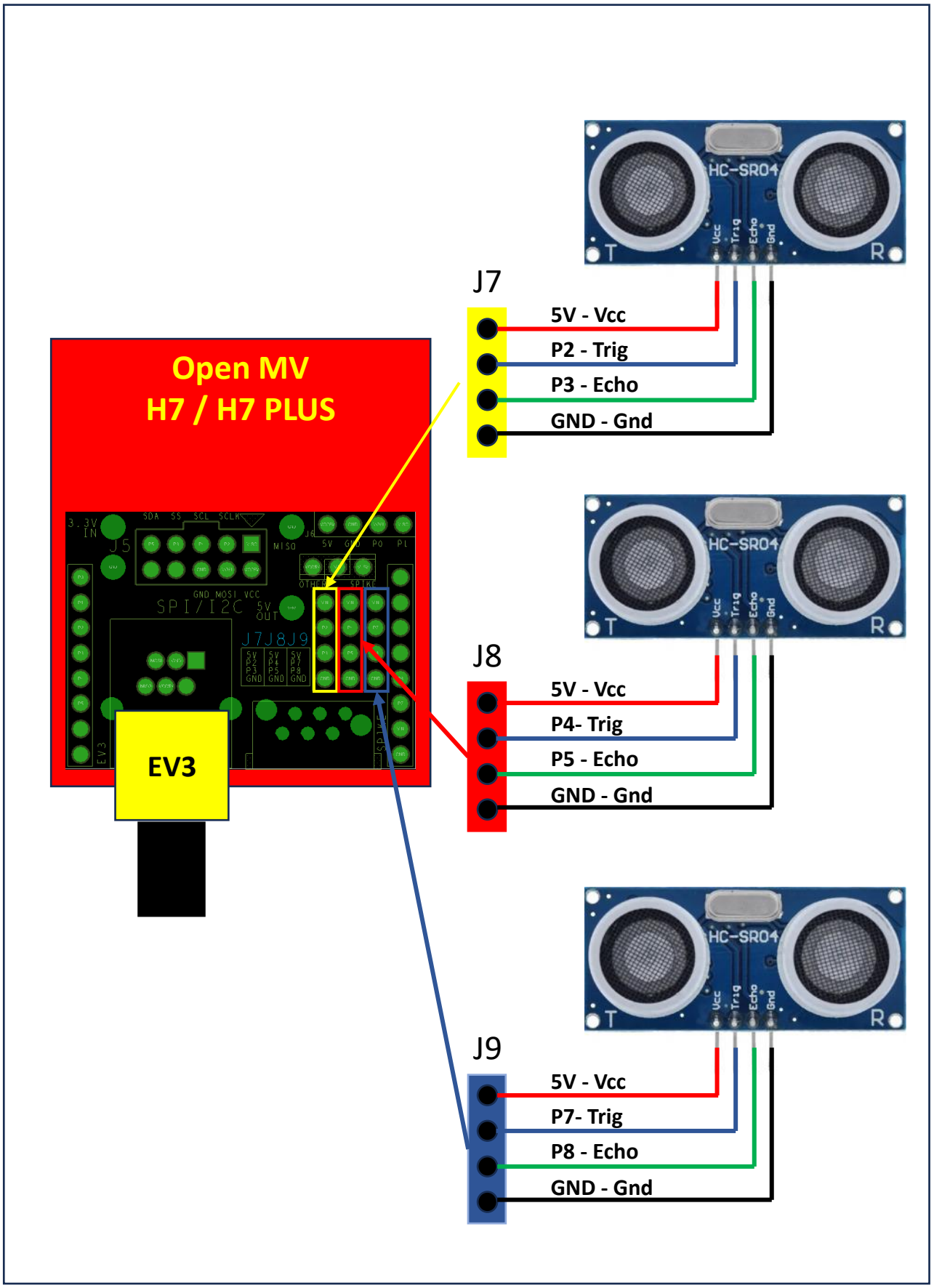




THIS IS VERY IMPORTANT FOR SPIKE PRIME

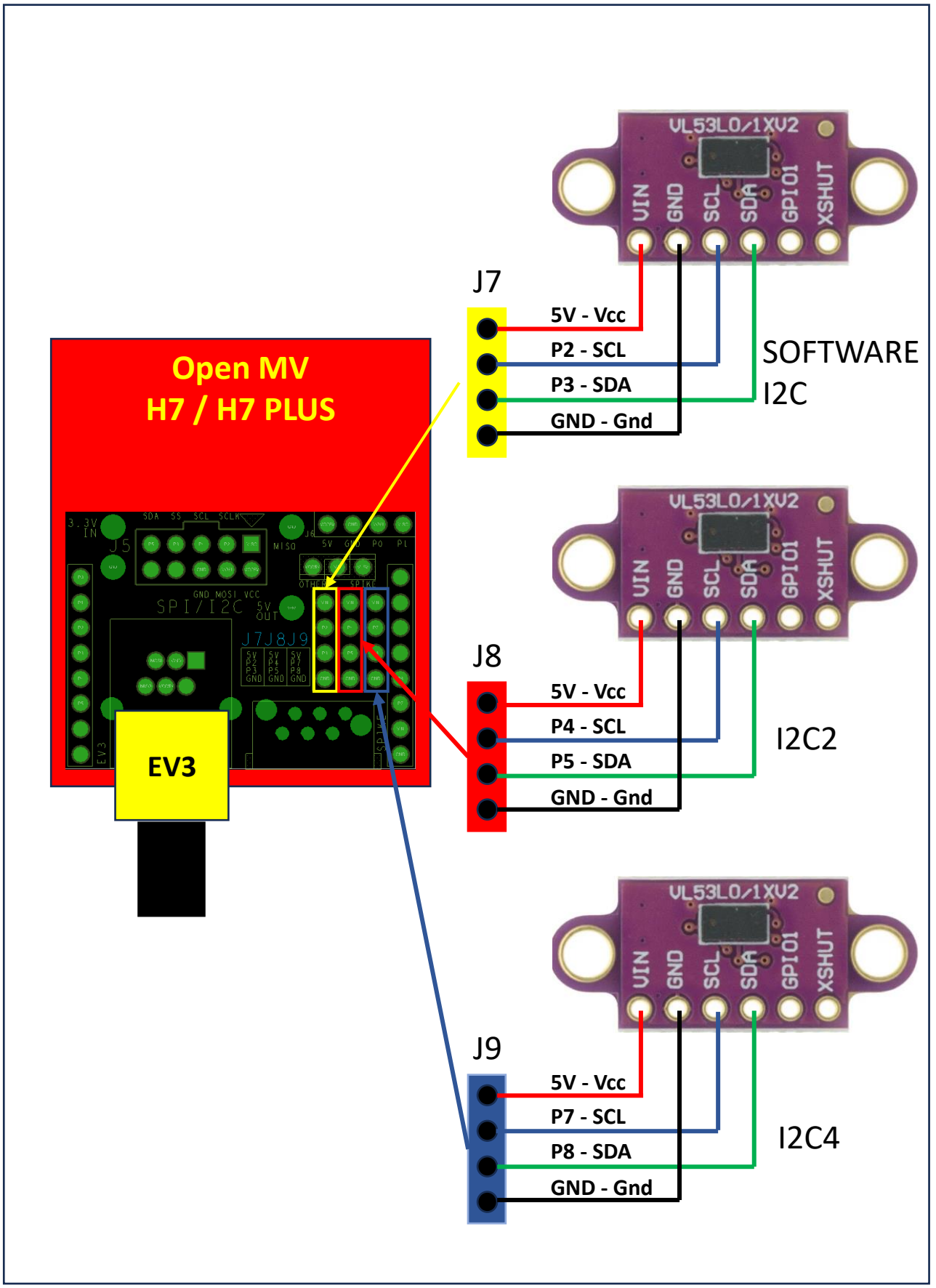
EXAMPLE (USE GPIO)

EV3(or Spike Prime) + OpenMV Camera + HC-SR04



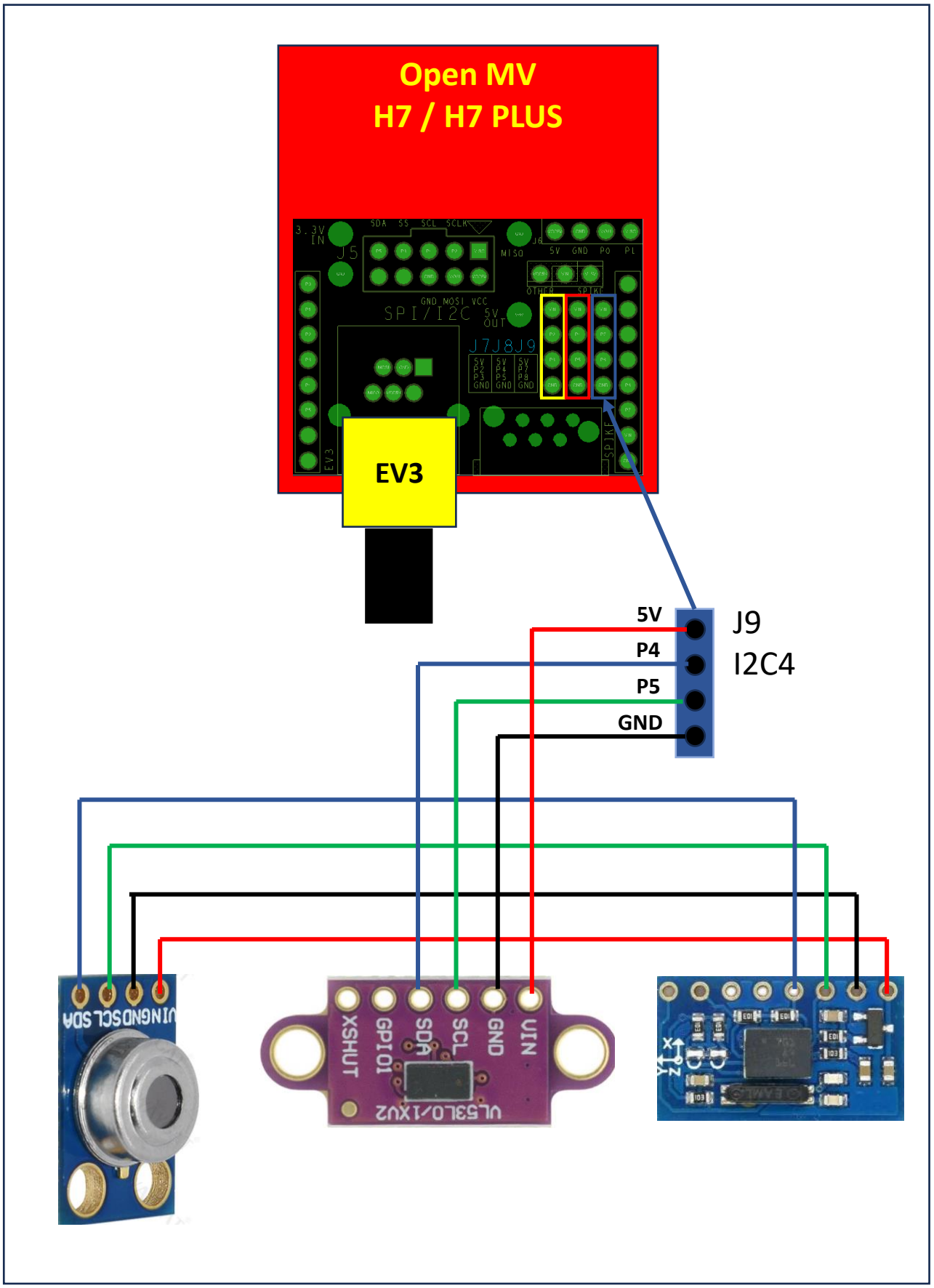
EXAMPLE (USE I2C)

EV3(or Spike Prime) + OpenMV Camera + VL53L0X



EXAMPLE (USE I2C)

I2C BUS (Multi-Device on same line)



EXAMPLE (WITHOUT CAMERA)

UART (BNO055 IMU SENSOR WITH UART MODE)