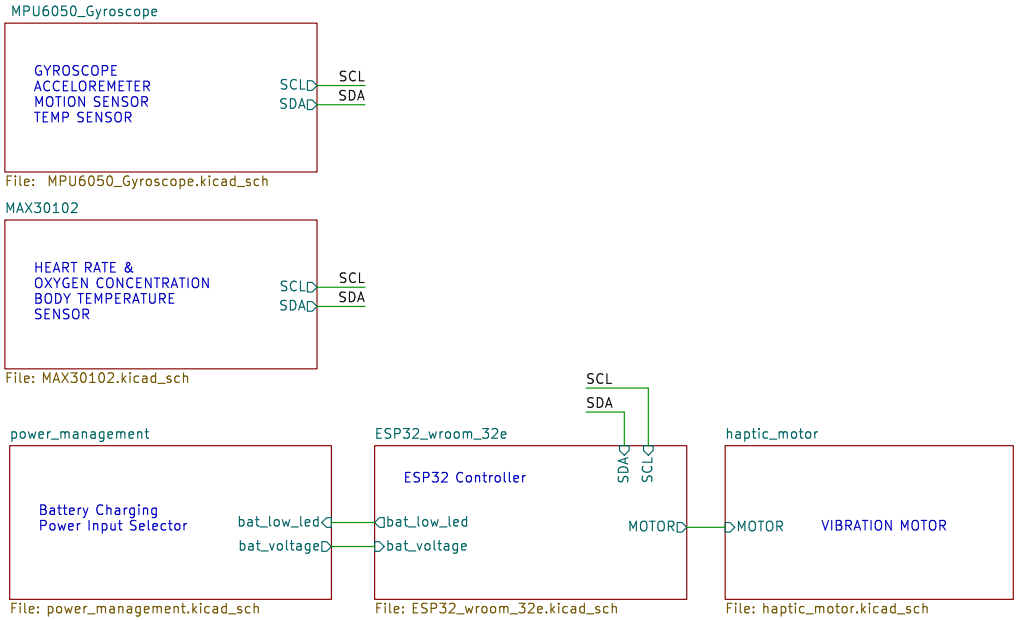

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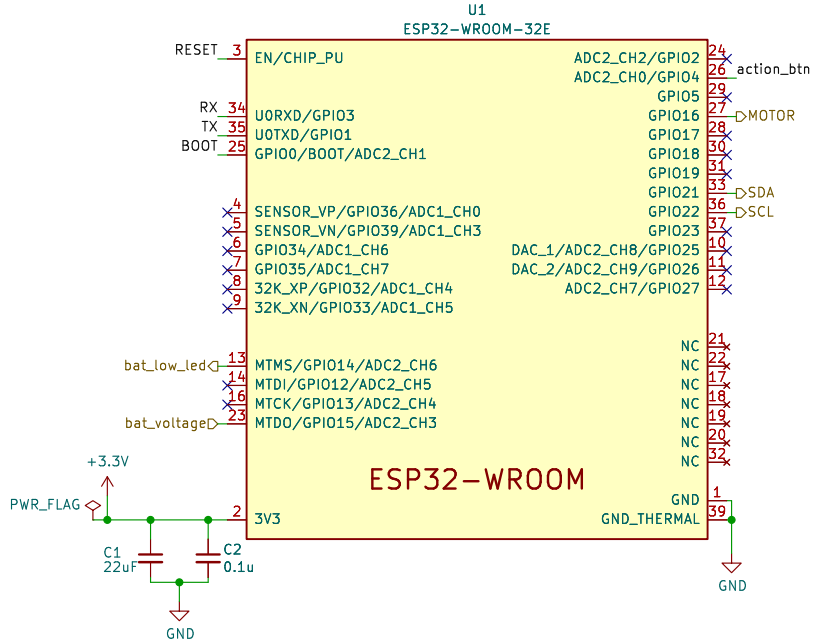
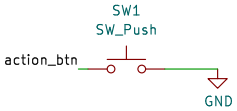
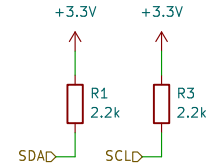
ESP32-WROOM-32E



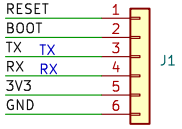
Action Button



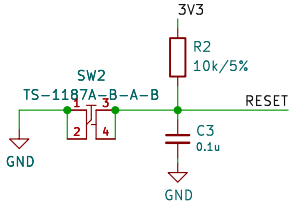
I2C



Uart Debug Pins



Reset Button



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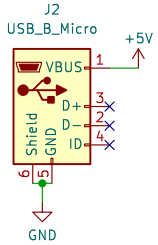

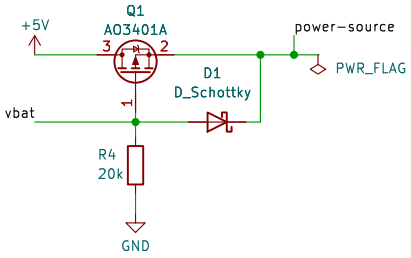

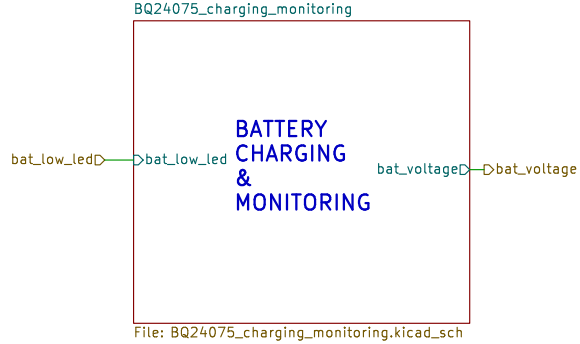

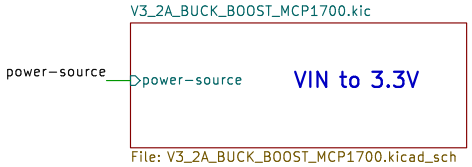

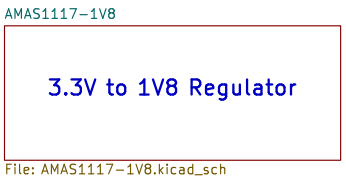

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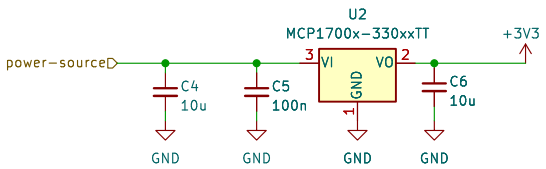
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (7.0.0)		Id: 3/9

3.3V LDO Regulator

Min Input: 2.7V

Out: 3.3V at max 2A



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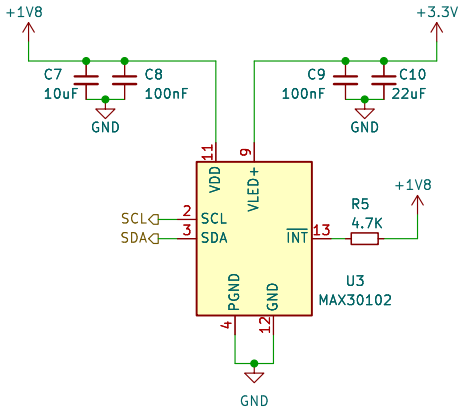
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (7.0.0)		Id: 5/9

MAX30102
HEART−RATE MONITOR + OXYGEN CONCENTRATION SENSOR



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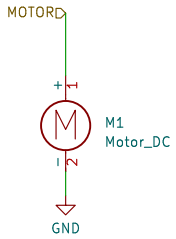
HAPTIC MOTOR



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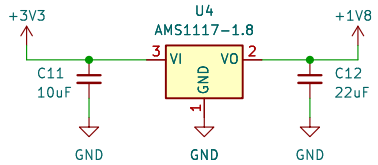

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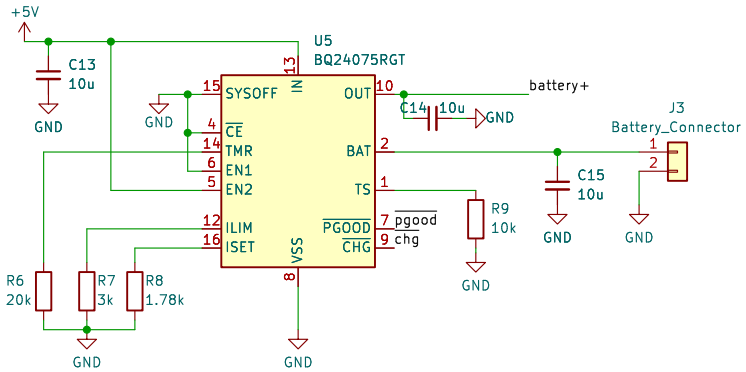
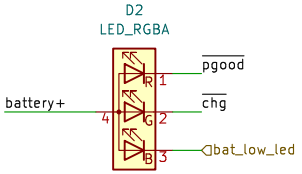
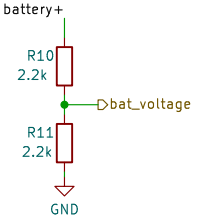
Battery Charging and Monitoring



RGB LED Indicator



Voltage Didiver
(4.2V to 3.3V MAX)



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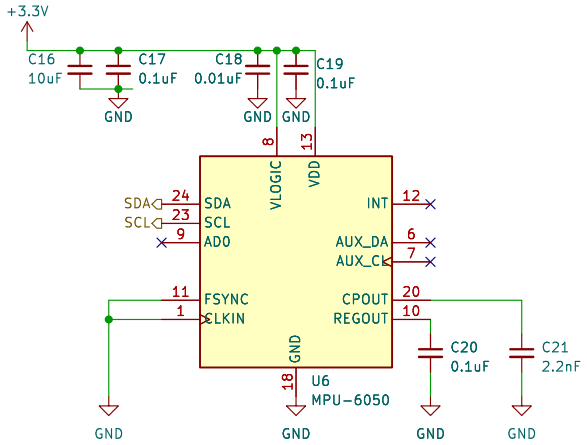
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (7.0.0)		Id: 8/9

MPU6050
3-axis Gyroscope,
3-axis Accelerometer,
Digital Motion Processor (DMP),
-40 to 85°C Temperature Sensor



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