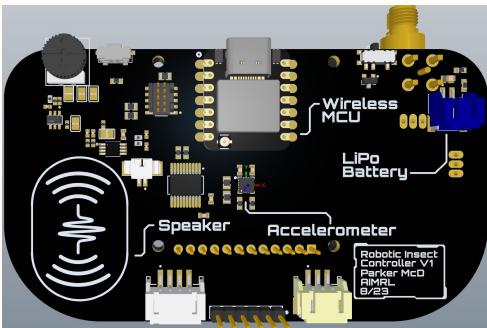
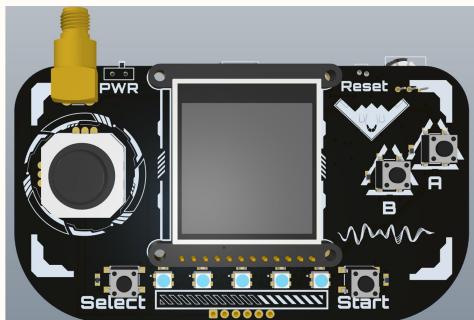
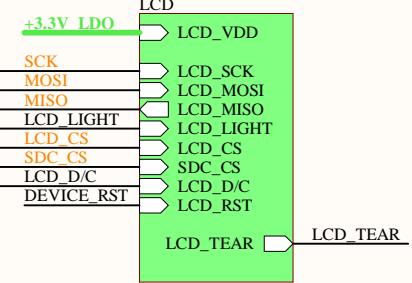
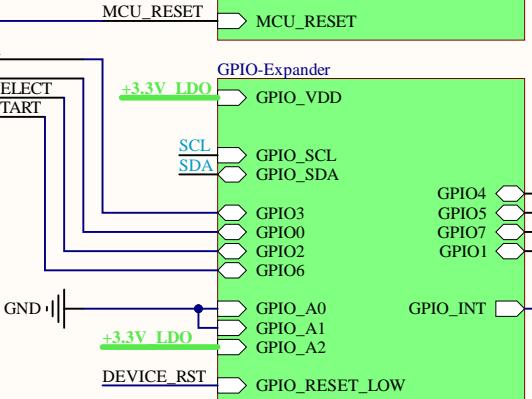
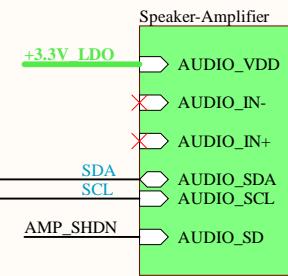
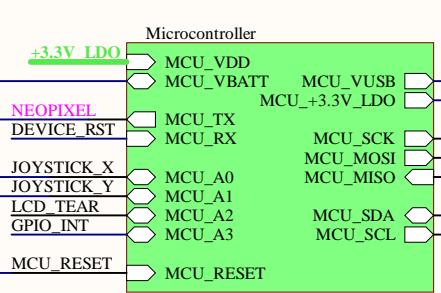
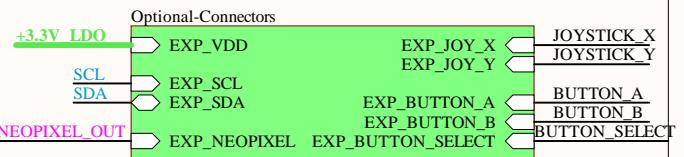
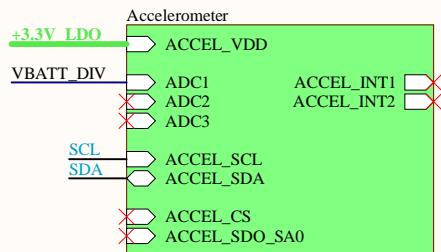


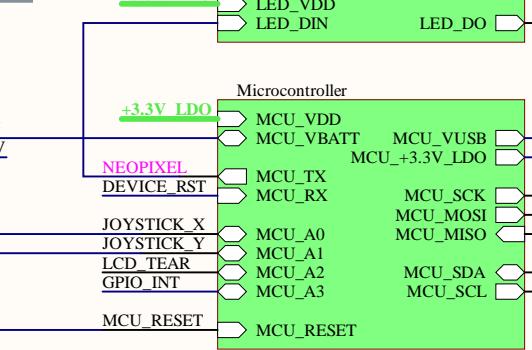
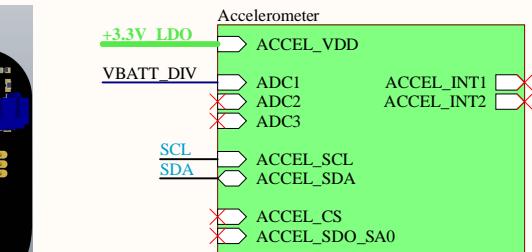
Top Level Schematic



(Bottom Side)



(Top Side)



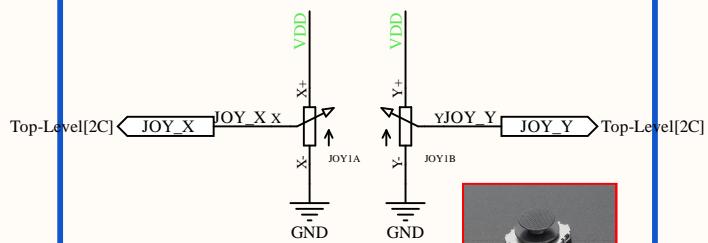
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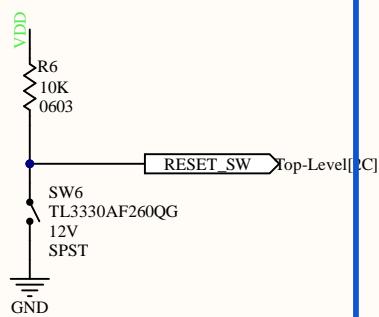
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Joystick X/Y

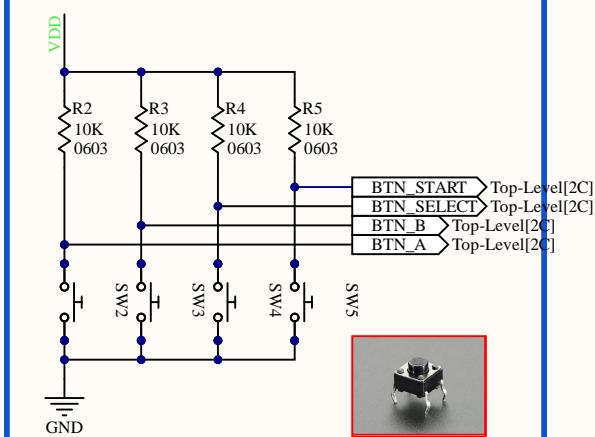


Reset Switch



Top-Level[1C] — CONTROLS_VDD — V_{DD}

Controller Buttons



Title

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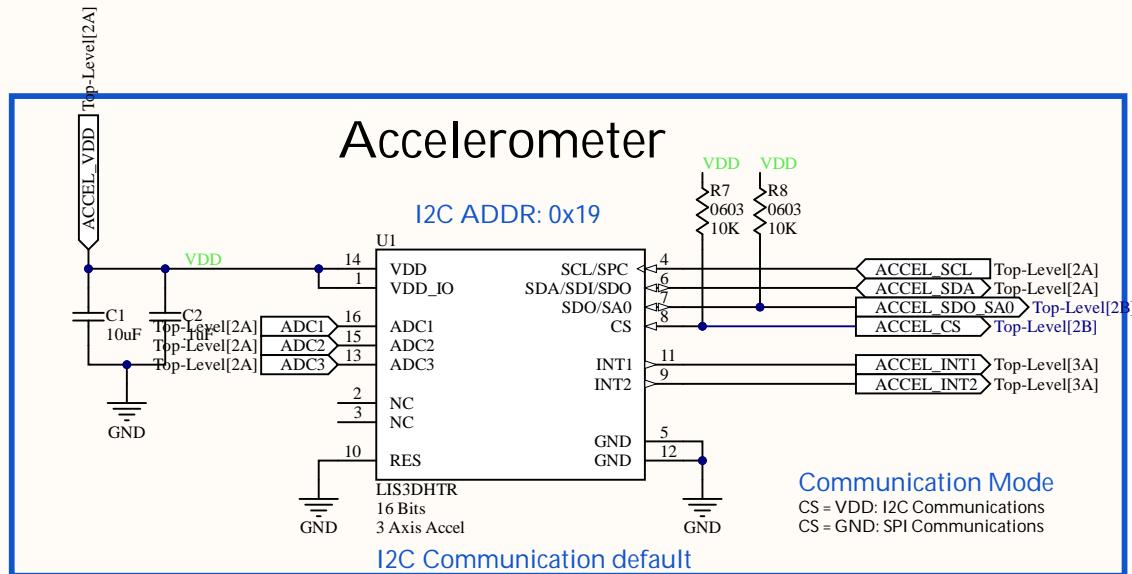
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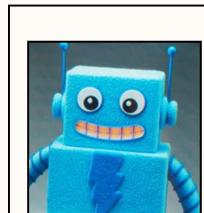


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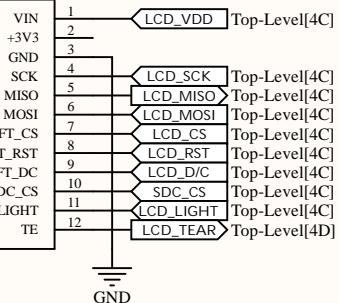
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LCD Display



LCD1
1.54"
240x240



Title

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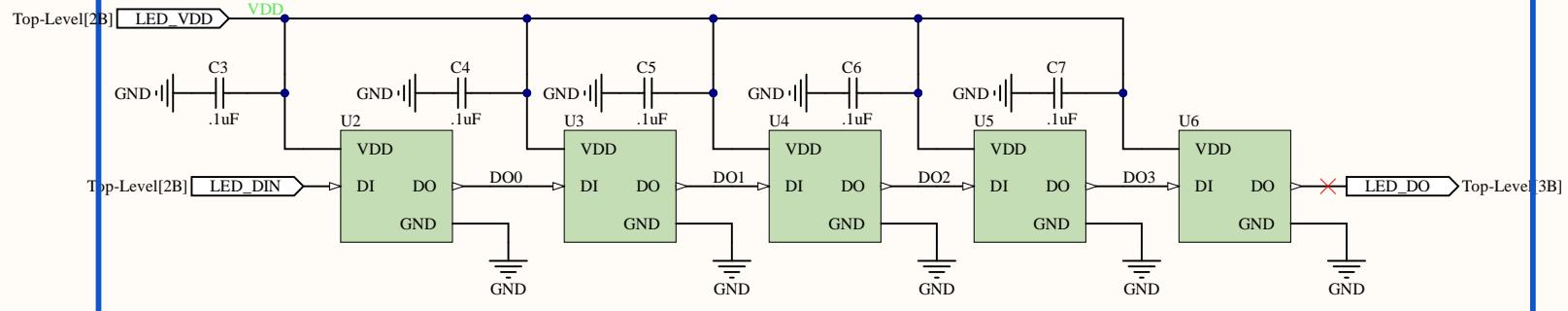
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Programmable LEDs



B

C

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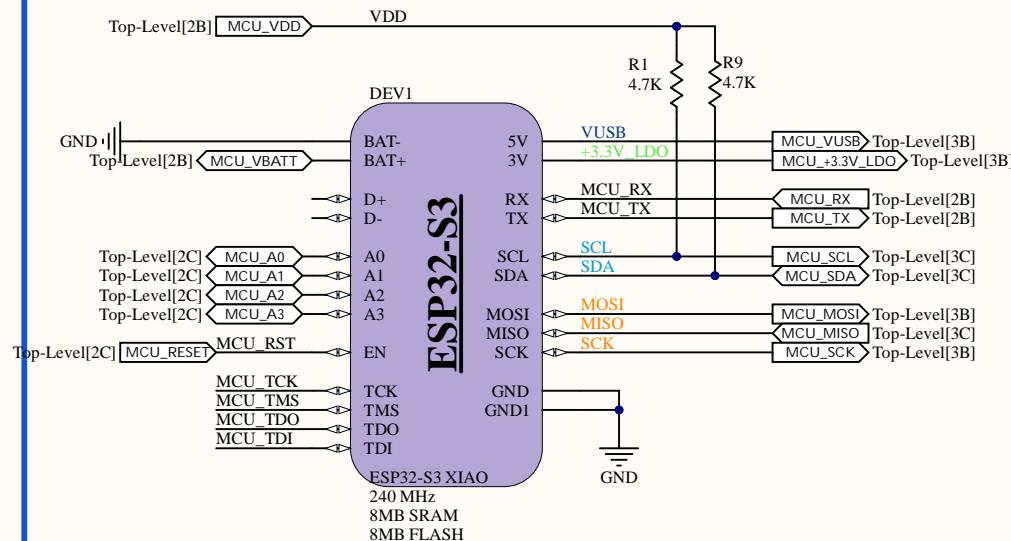
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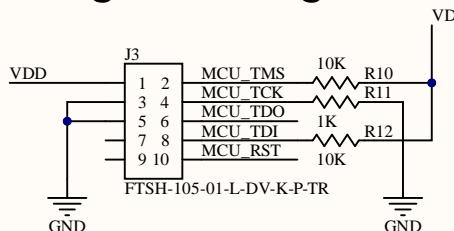
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ESP32-S3 Wireless MCU



Programming Header



Title

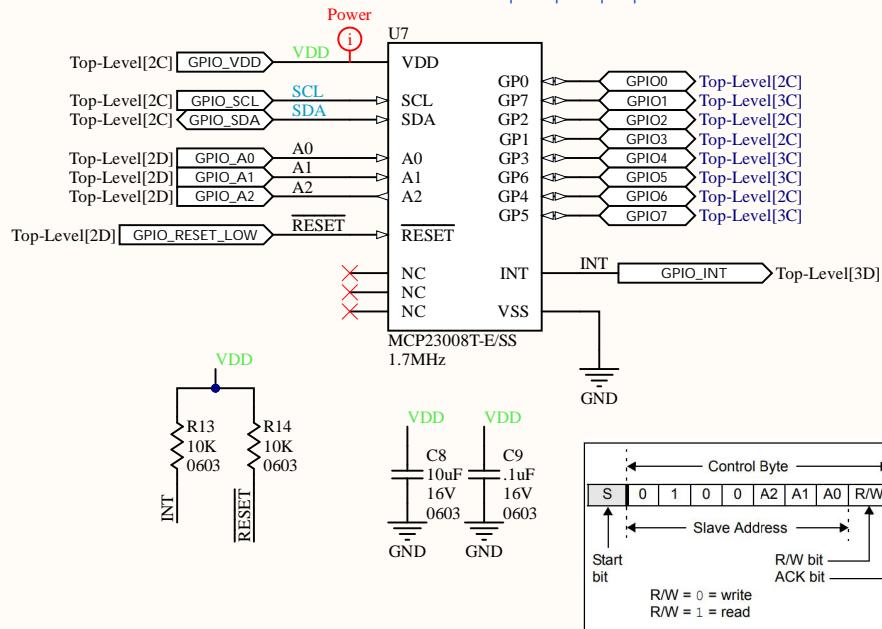
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GPIO Expander

I2C ADDR: 0x2x

I2C ADDR: 0b0100|A2|A1|A|



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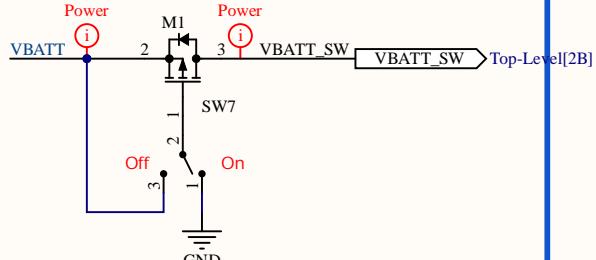
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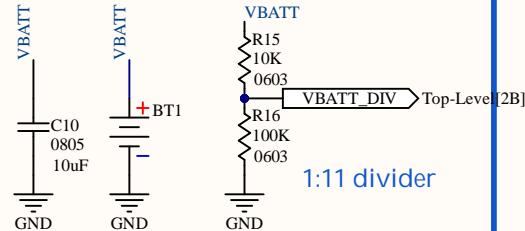
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Battery and On/Off Switch

Input Power Switch

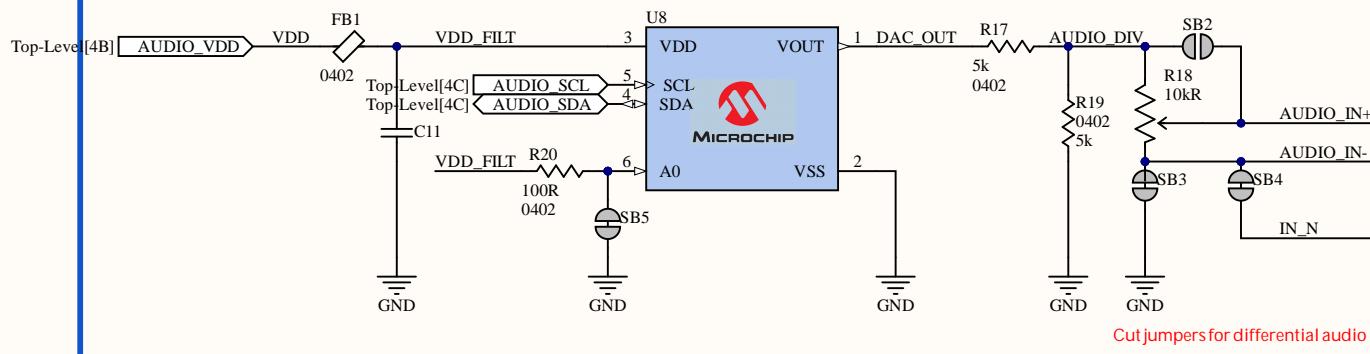


Li-Po Battery

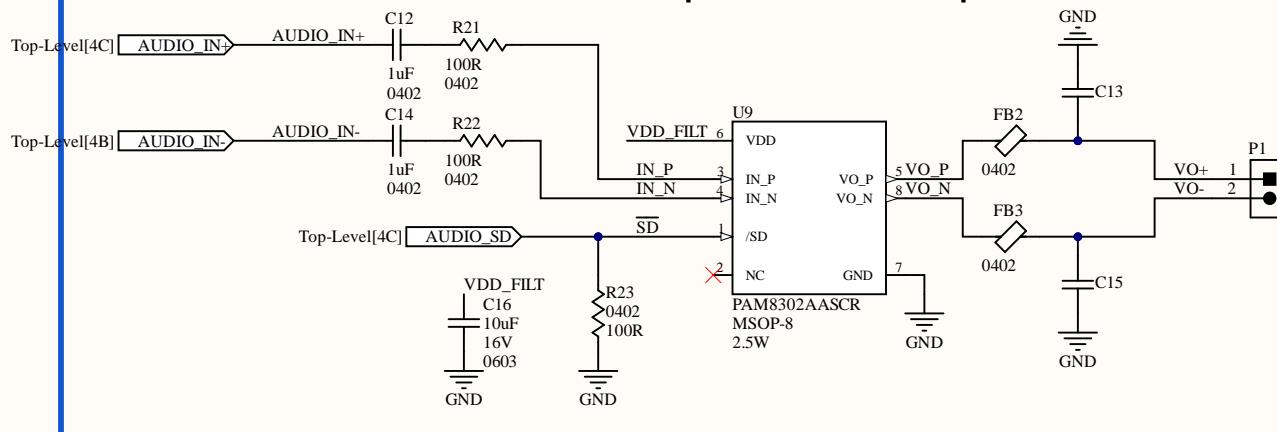


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Input Power Switch



Amplifier and Speaker

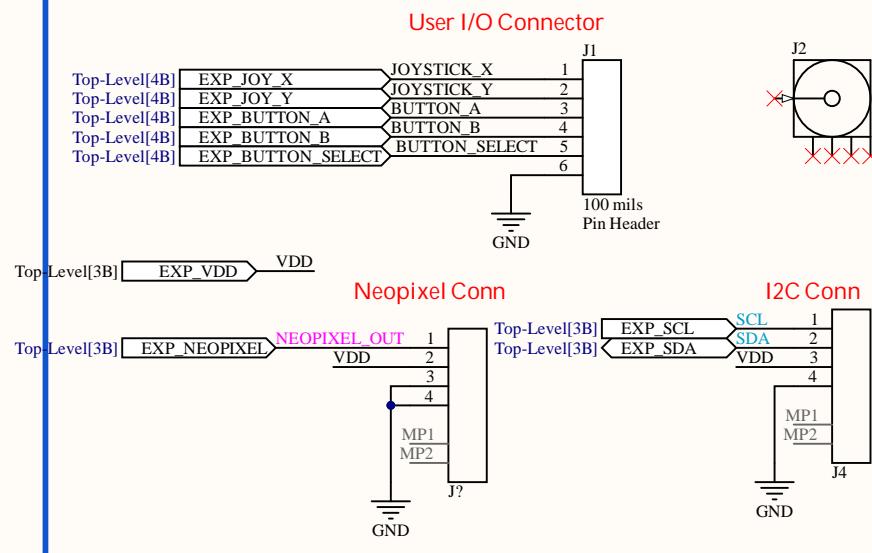


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RF and Expansion Ports



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