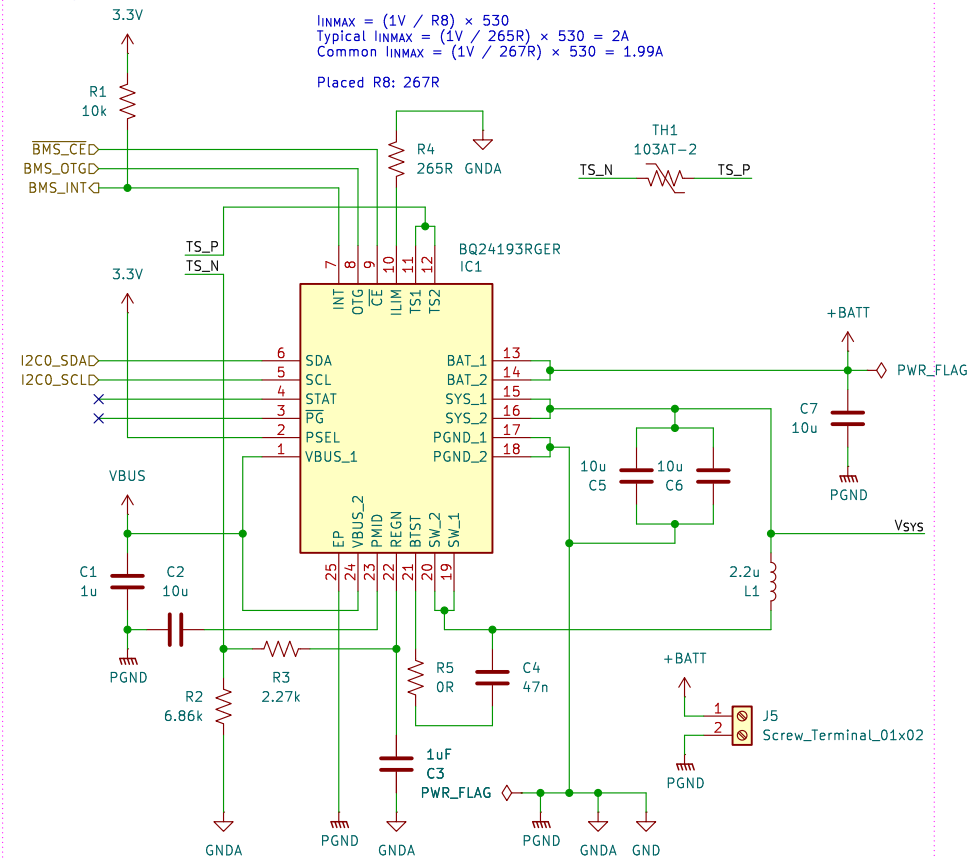


BMS Single-Cell



Regulated 3.3V Used by Communications System

$$V_{out} = 0.8V \cdot (1 + R1/R2)$$

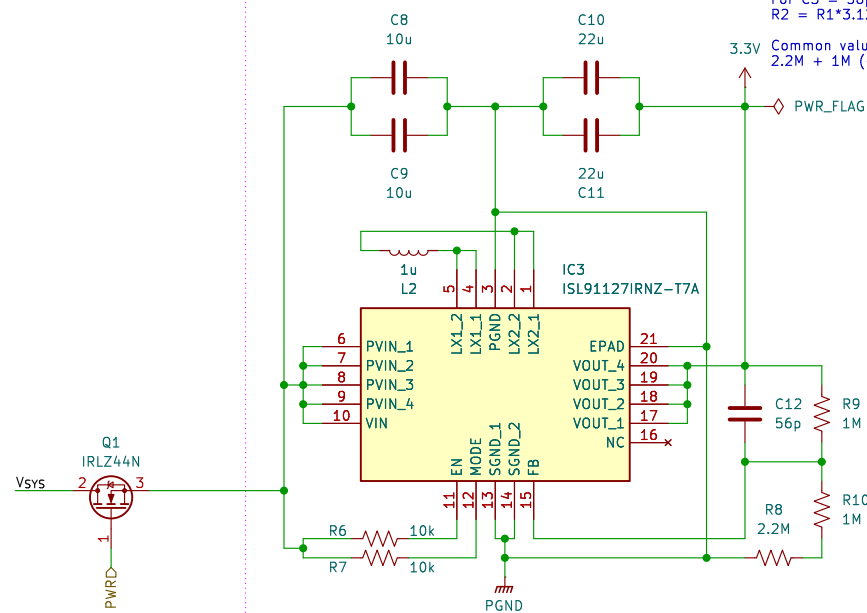
$$(3.3V)/0.8 - 1 = R1/R2$$

$$\text{For } C3 = 56p, R1 = 1M$$

$$R2 = R1 \cdot 3.125 = 3.125M$$

$$\text{Common values:}$$

$$2.2M + 1M (-1.12\%)$$



Sheet: /Power Subsystem/
File: power_subsystem.kicad_sch

Title:

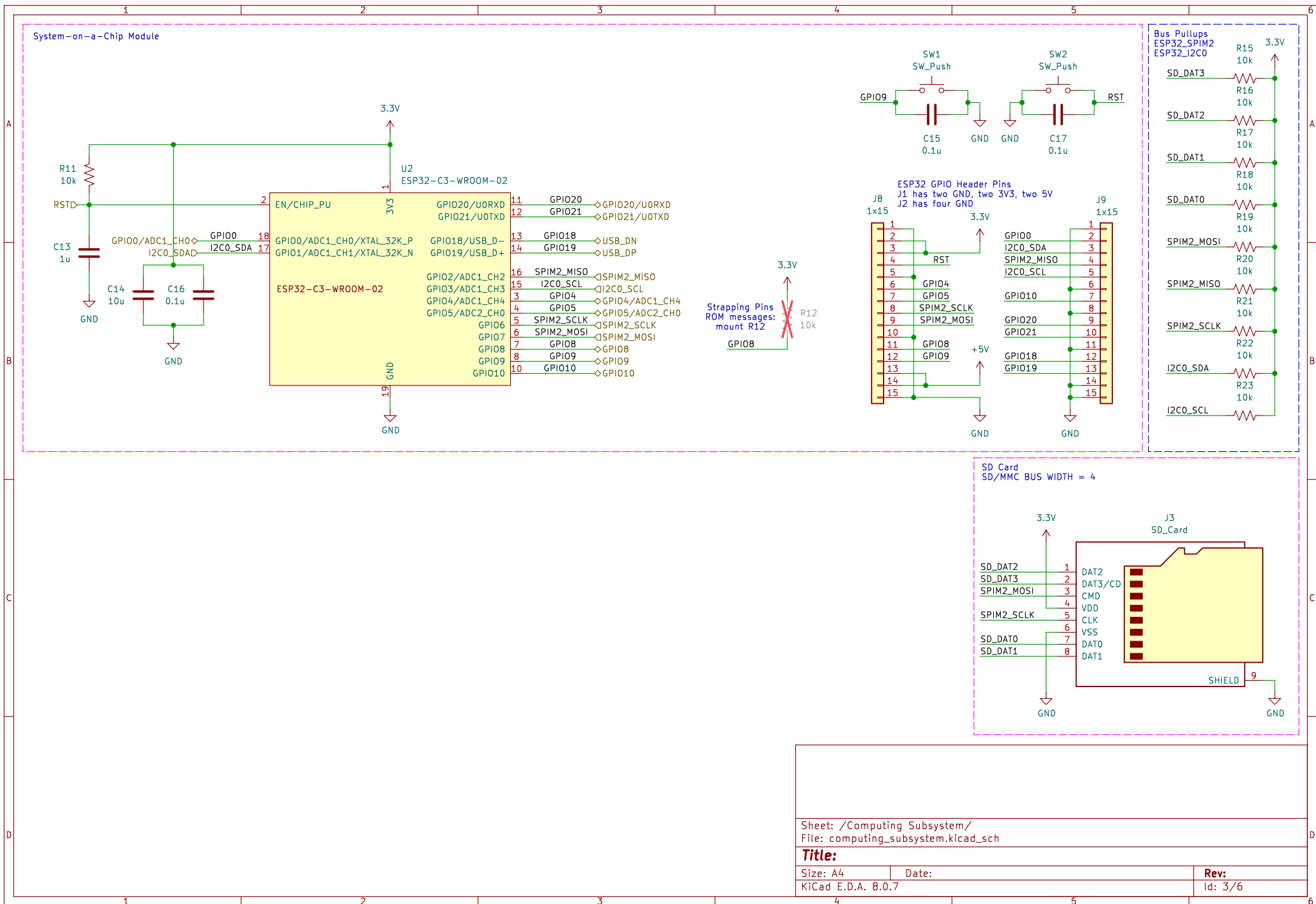
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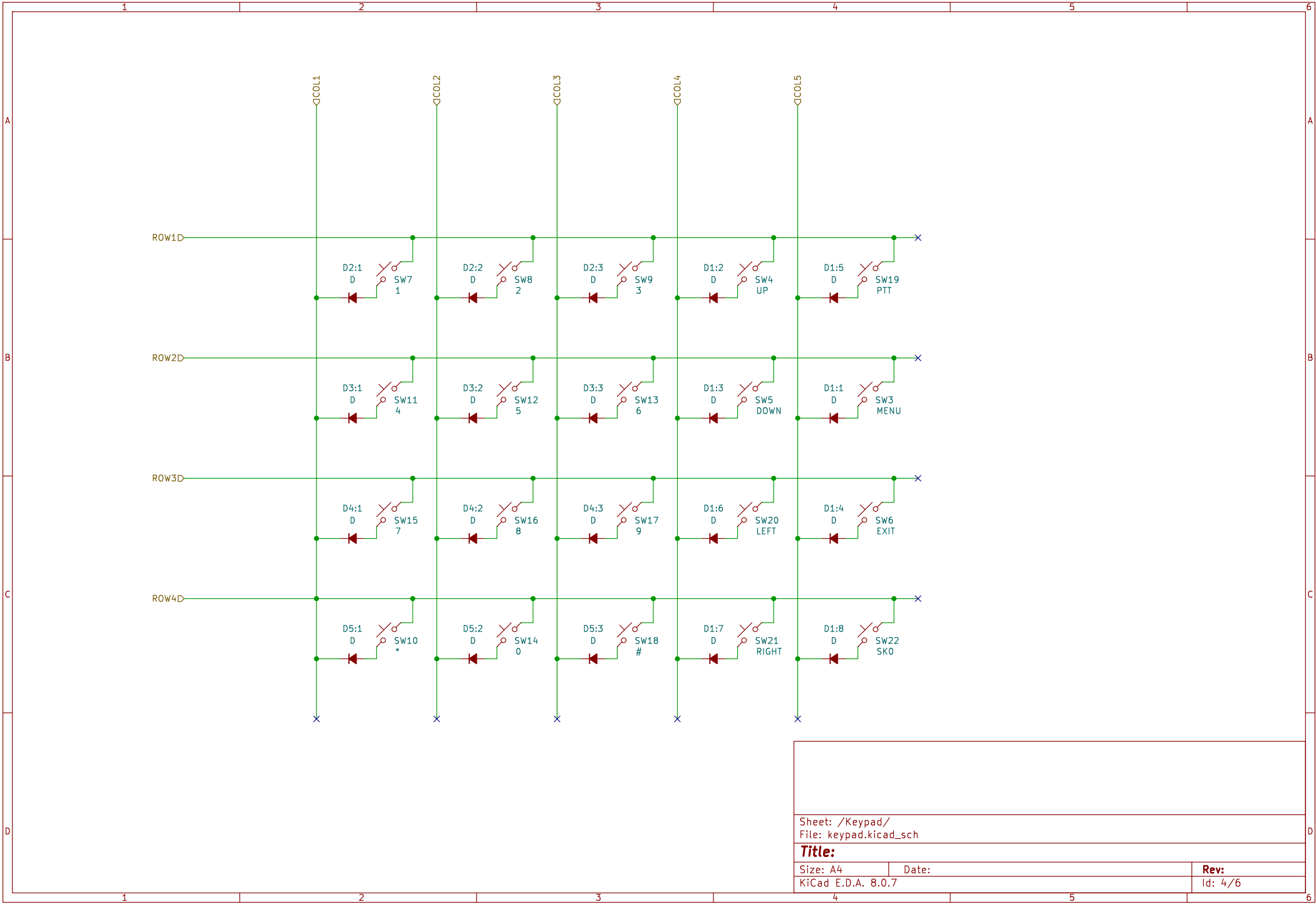
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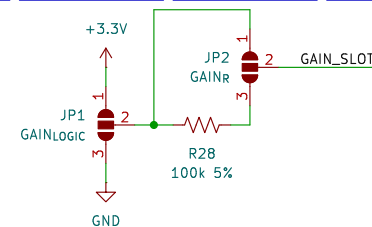
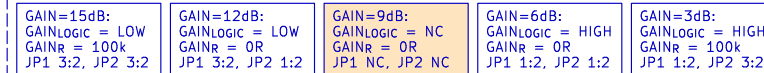
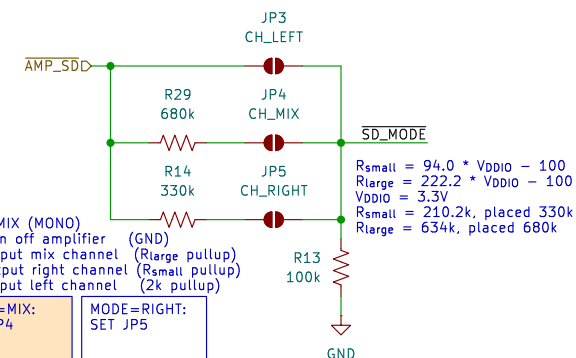
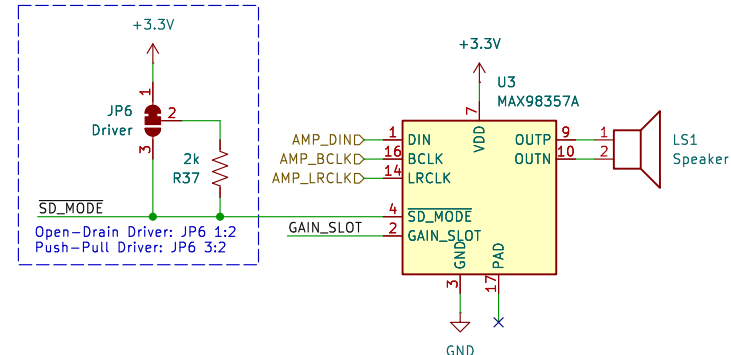
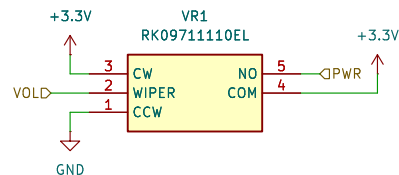
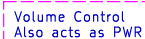
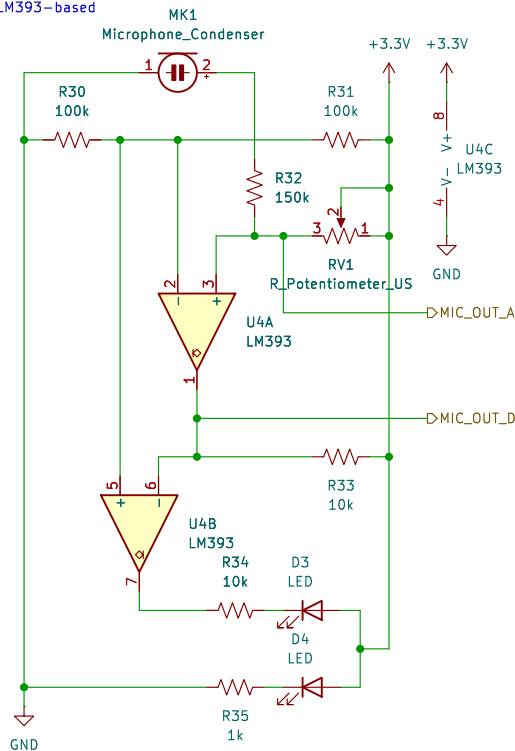
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