

## NOTES:

VCC = battery voltage  
 RA1A,B: RA1 resistor array 510R  
 RA2A,B: RA2 resistor array 15R  
 VR1 10K x2  
 EM1-5 1000Ω1000MHz ferrite bead

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Sheet: /CGB\_Sound/

File: CGB\_Sound.kicad\_sch

**Title: CGB Reverse Engineer**

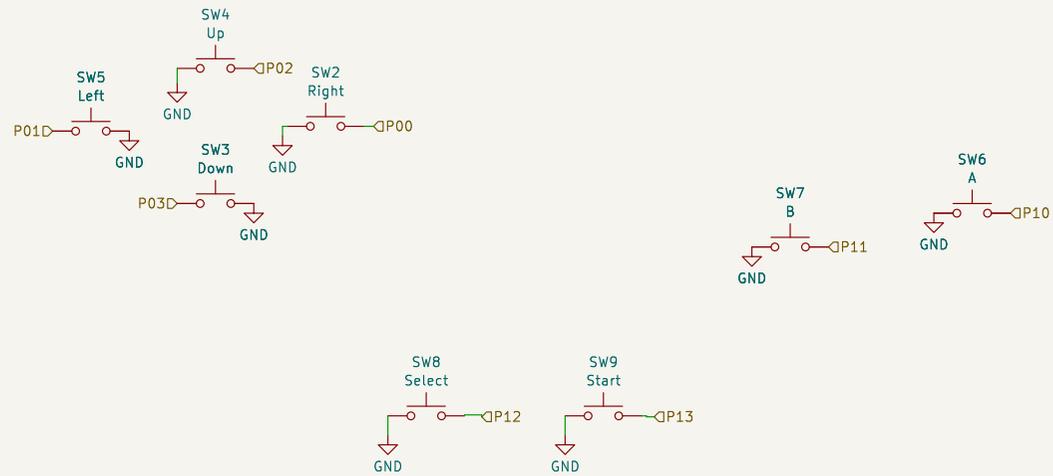
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Sheet: /CGB\_Controls/

File: CGB\_Controls.kicad\_sch

**Title: CGB Reverse Engineer**

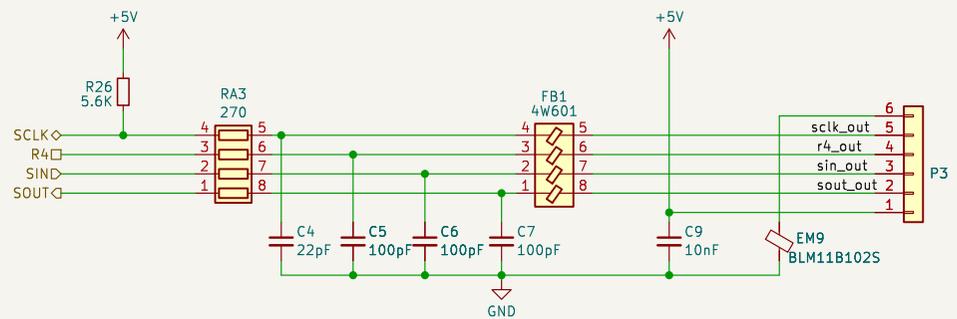
Size: A4

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## NOTES:

FB1 600Ω100MHz ferrite bead array  
EM9 1000Ω 1000MHz ferrite bead

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Sheet: /CGB\_Serial/

File: CGB\_Serial.kicad\_sch

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	1	2	3	4	5	6
A						A
B						B
C						C
D						D
	1	2	3	4	5	6

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Sheet: /CGB\_IR/

File: CGB\_IR.kicad\_sch

**Title: CGB Reverse Engineer**

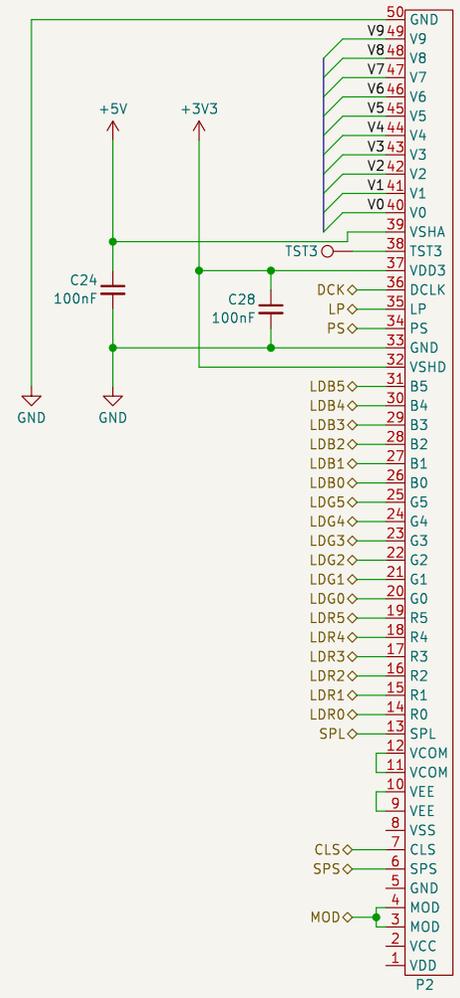
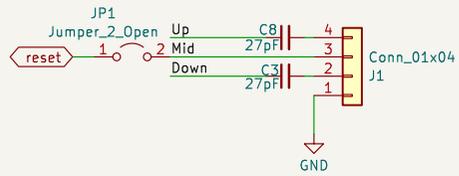
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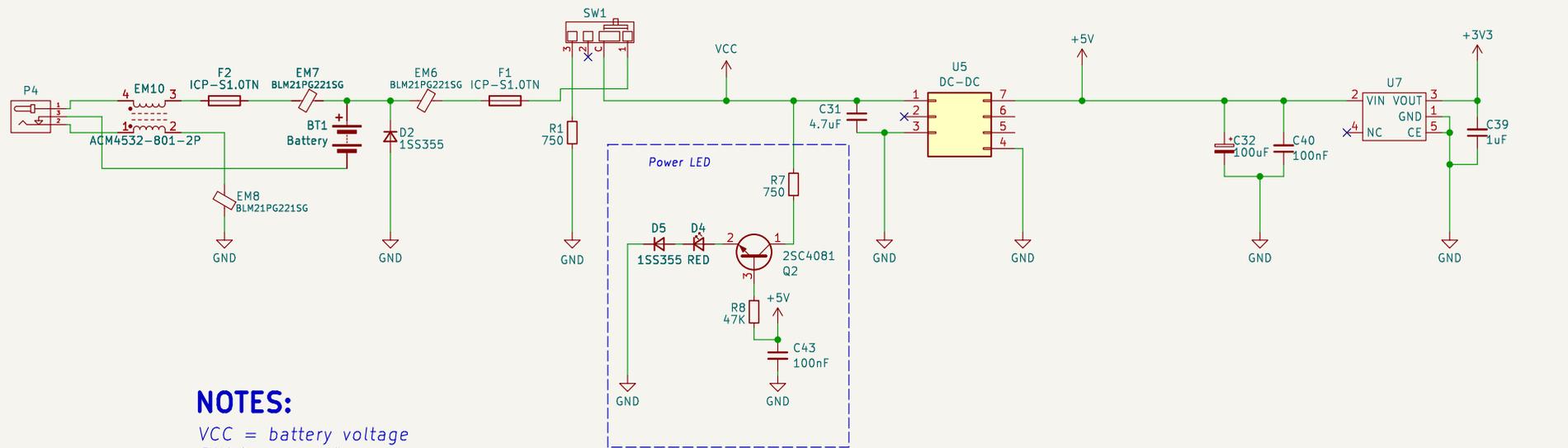
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 Sheet: /CGB\_Screen/  
 File: cgb\_screen.kicad\_sch

**Title: CGB Reverse Engineer**

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**NOTES:**

- VCC = battery voltage
- EM10 Common mode filter
- F1,2 fuse 1A 50V
- EM6-8 220Ω@100MHz ferrite bead
- Q2 NPN transistor
- D2 80V 1.2V@100mA

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Sheet: /CGB\_Power/

File: cgb\_power.kicad\_sch

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