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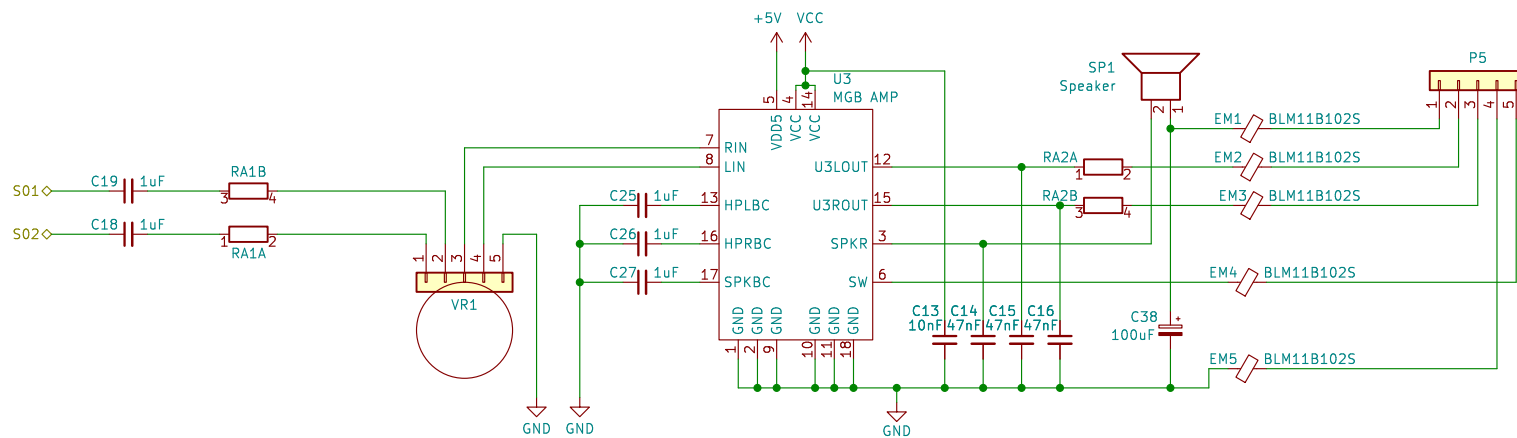
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File: gbc.kicad\_sch

**Title: CGB Reverse Engineer**

Size: A4  
KiCad E.D.A. kicad 7.0.7

Date:

Rev:  
Id: 1/7



## 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

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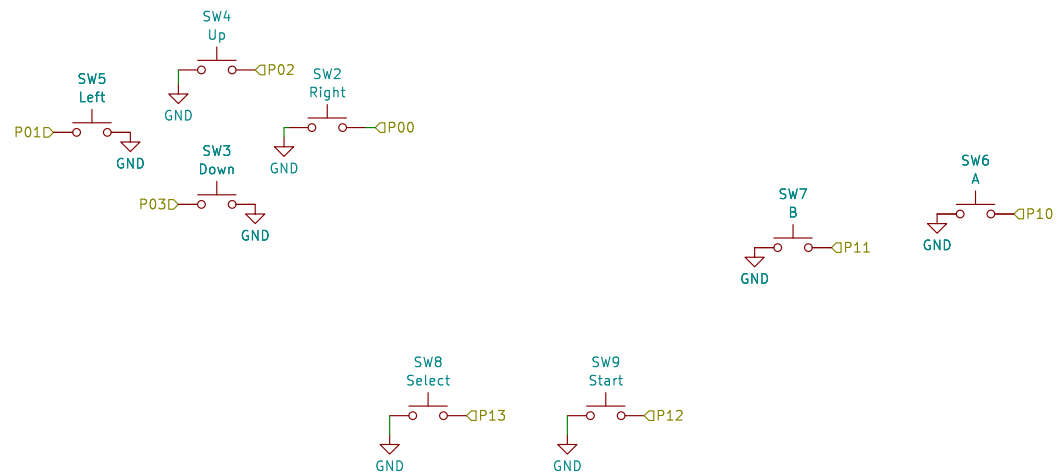
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Sheet: /CGB\_Controls/

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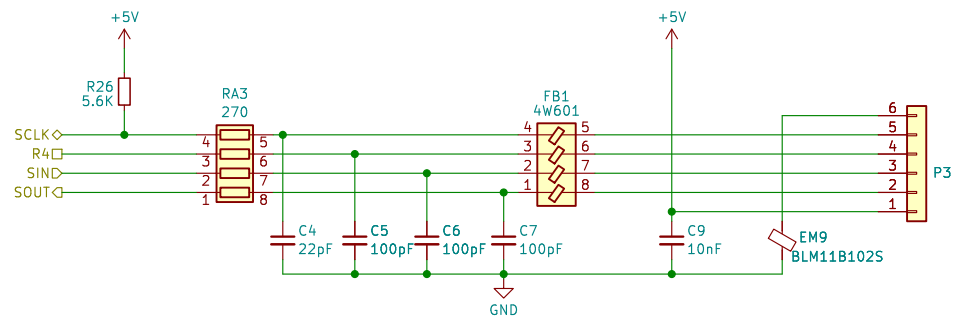
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## NOTES:

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

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Sheet: /CGB\_Serial/

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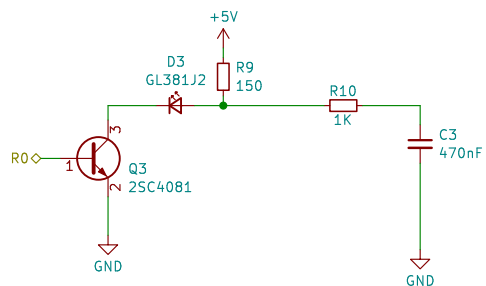
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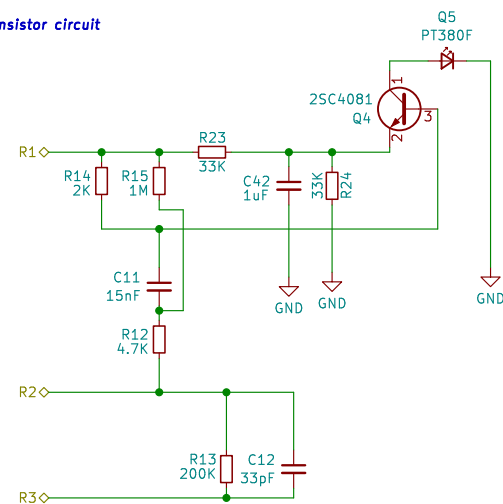
IR diode circuit



## NOTES:

D3 Infrared Emitting Diode  
Q3,4 NPN transistor  
Q5 photo transistor

photo transistor circuit



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Sheet: /CGB\_IR/

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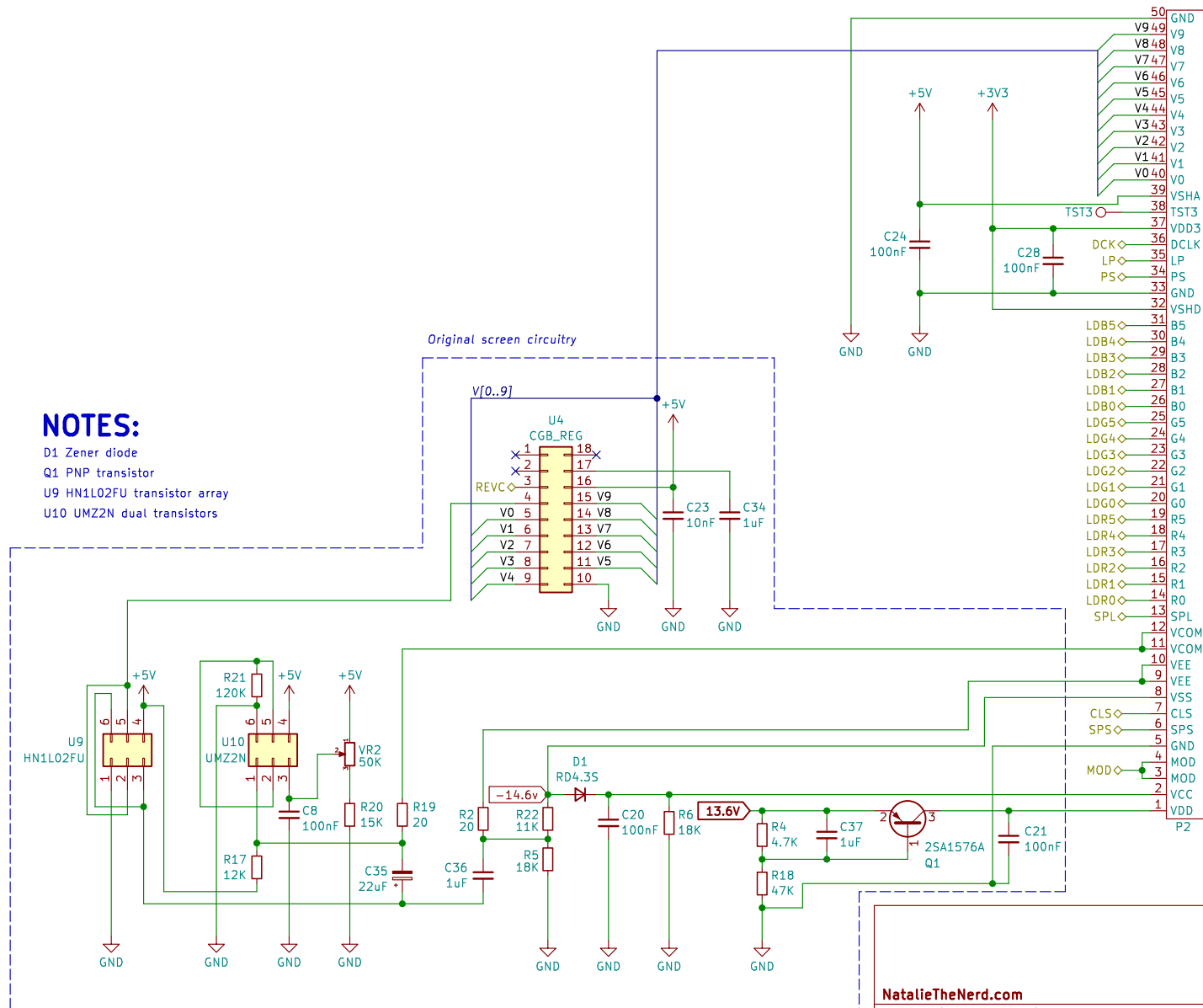
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## NOTES:

D1 Zener diode  
Q1 PNP transistor  
U9 HN1L02FU transistor array  
U10 UMZ2N dual transistors



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File: cgb\_screen.kicad\_sch

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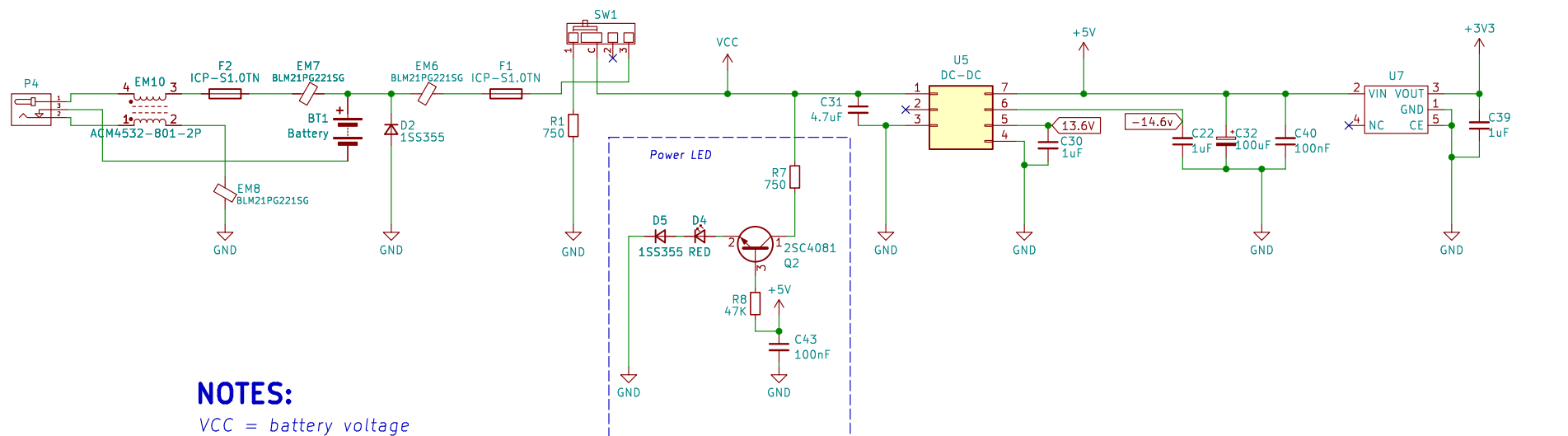
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Sheet: /CGB\_Power/

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