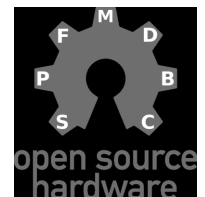


Christmas Tree Disco

Revisions:
8/8/2017 Initial Design

Top Sheet

top_sheet.sch



www.GitHub.com/Cryochasm

Sheet: /

File: Christmas_Tree_Disco.sch

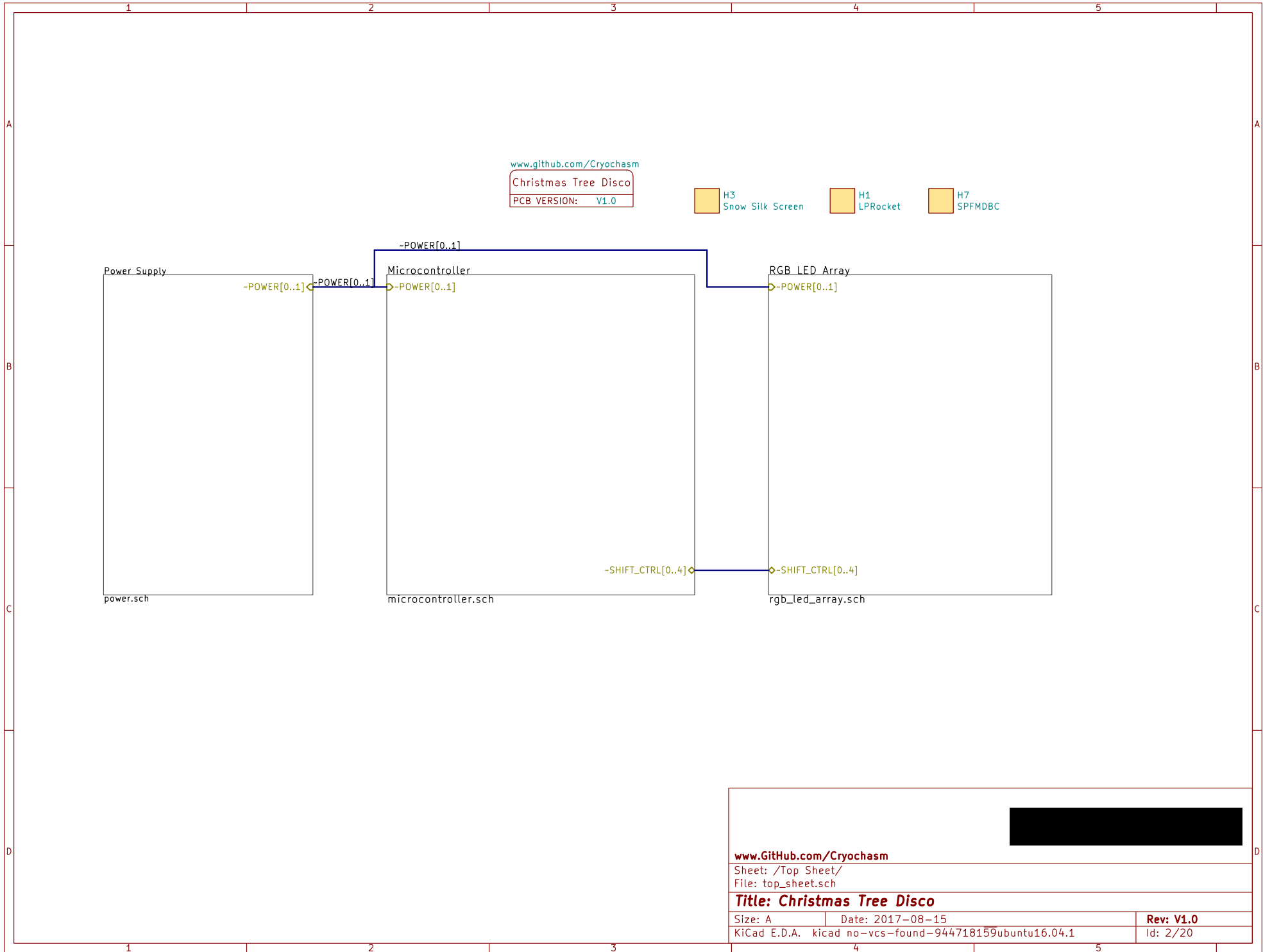
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 1/20



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Sheet: /Top Sheet/
File: top_sheet.sch

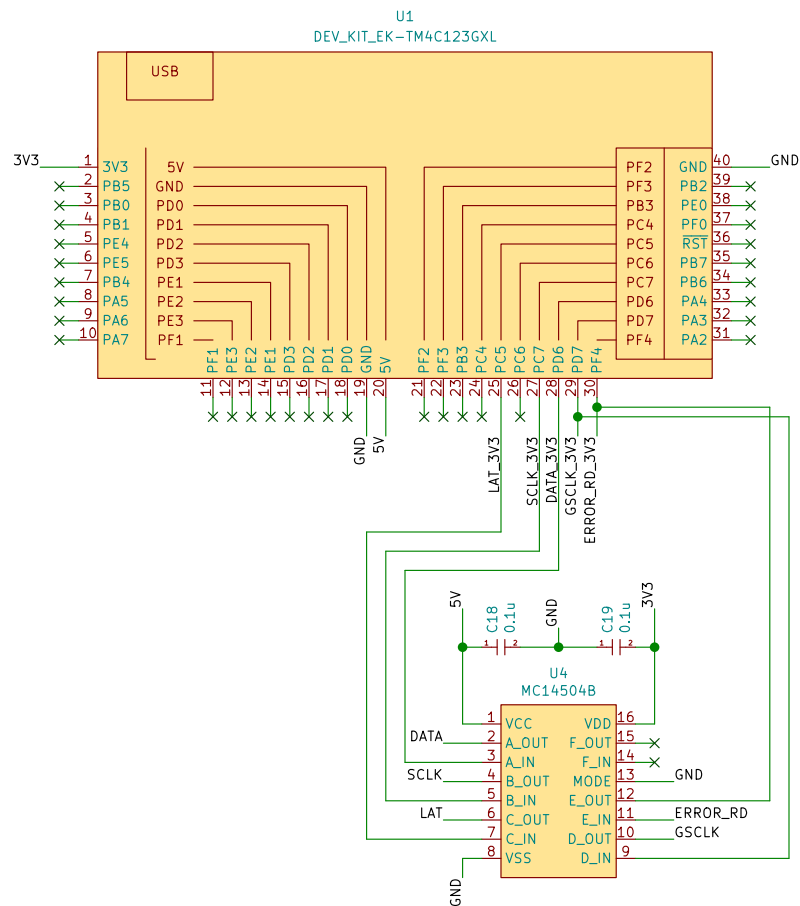
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 2/20



H2
2x10 HEADER

H4
2x10 HEADER

-SHIFT_CTRL[0..4]

-SHIFT_CTRL0_DATA

-SHIFT_CTRL1_SCLK

-SHIFT_CTRL2_LAT

-SHIFT_CTRL3_GSCLK

-SHIFT_CTRL4_ERROR_RD

-POWER[0..1]

-POWER0_GND

-POWER1_5V

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Sheet: /Top Sheet/Microcontroller/
File: microcontroller.sch

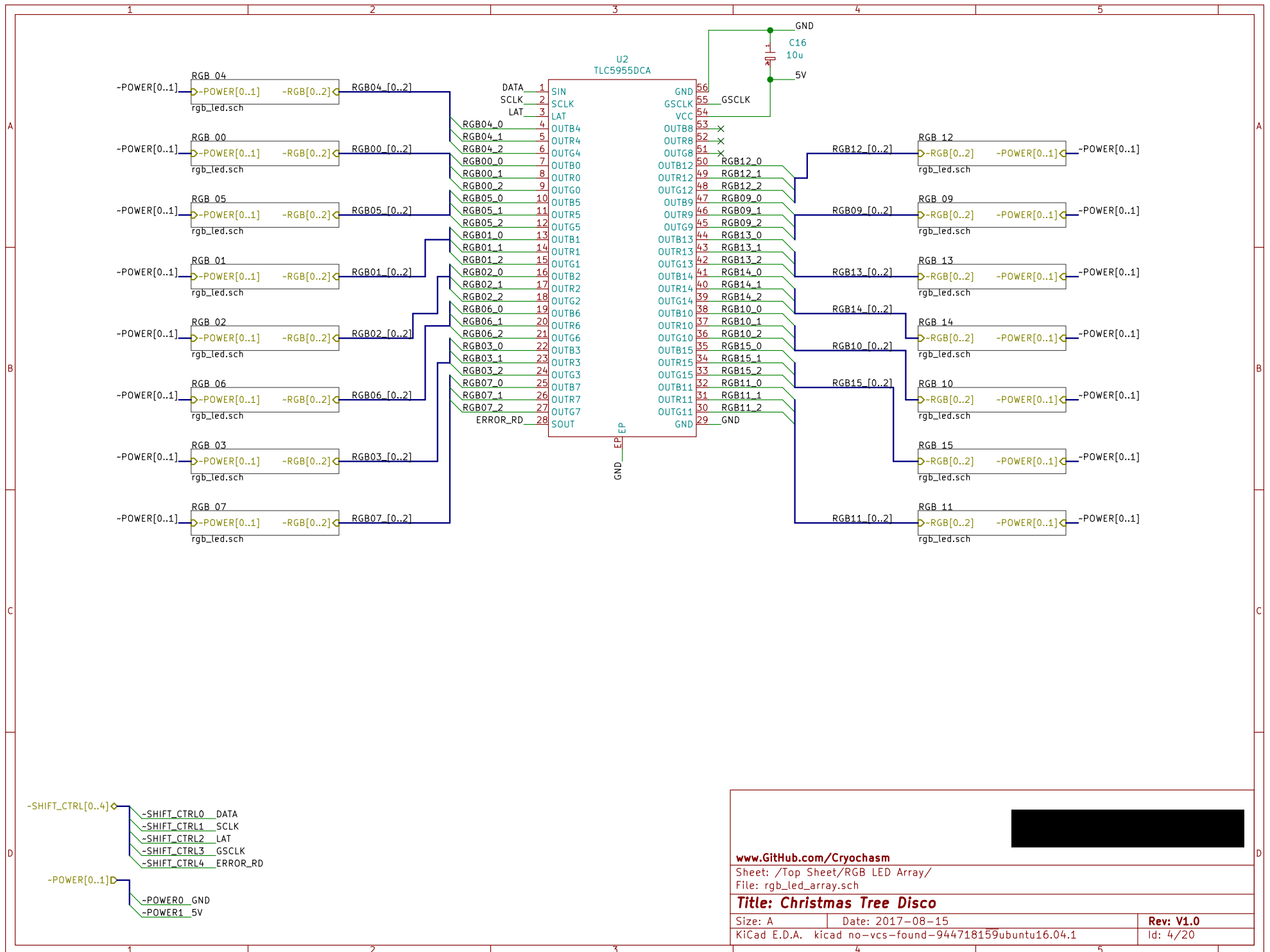
Title: Christmas Tree Disco

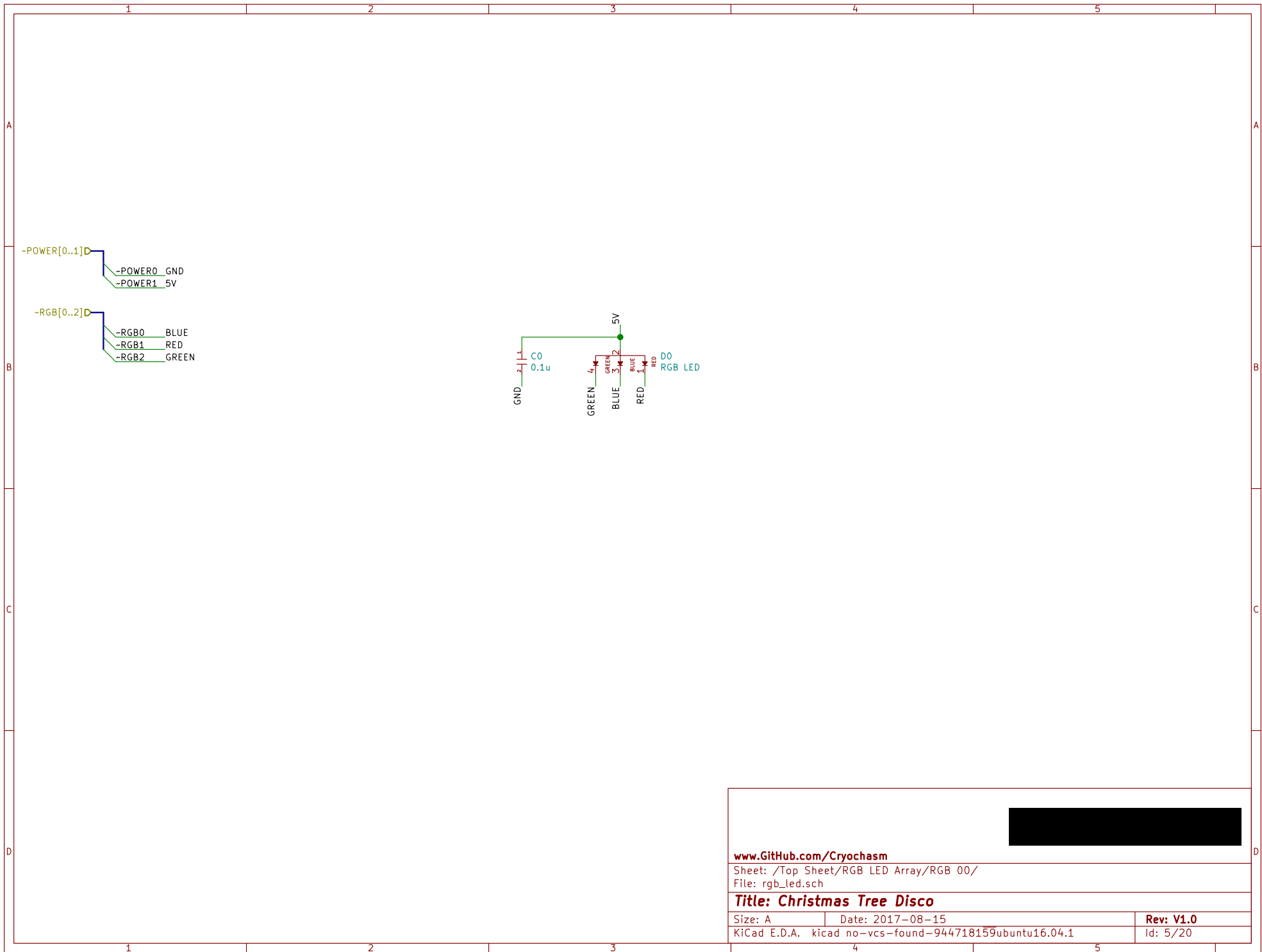
Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 3/20





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Sheet: /Top Sheet/RGB LED Array/RGB 00/
File: rgb_led.sch

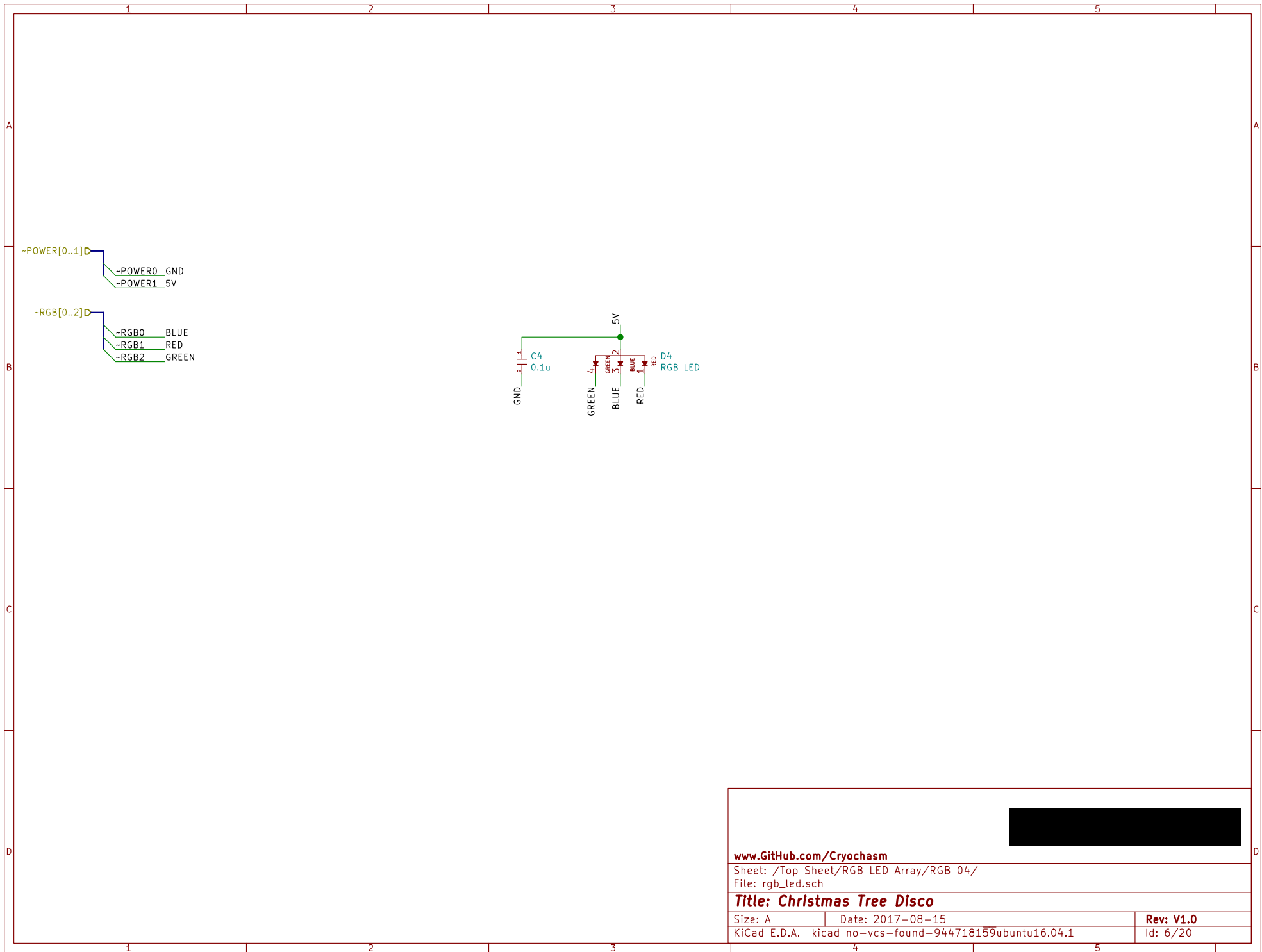
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 5/20



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Sheet: /Top Sheet/RGB LED Array/RGB 04/
File: rgb_led.sch

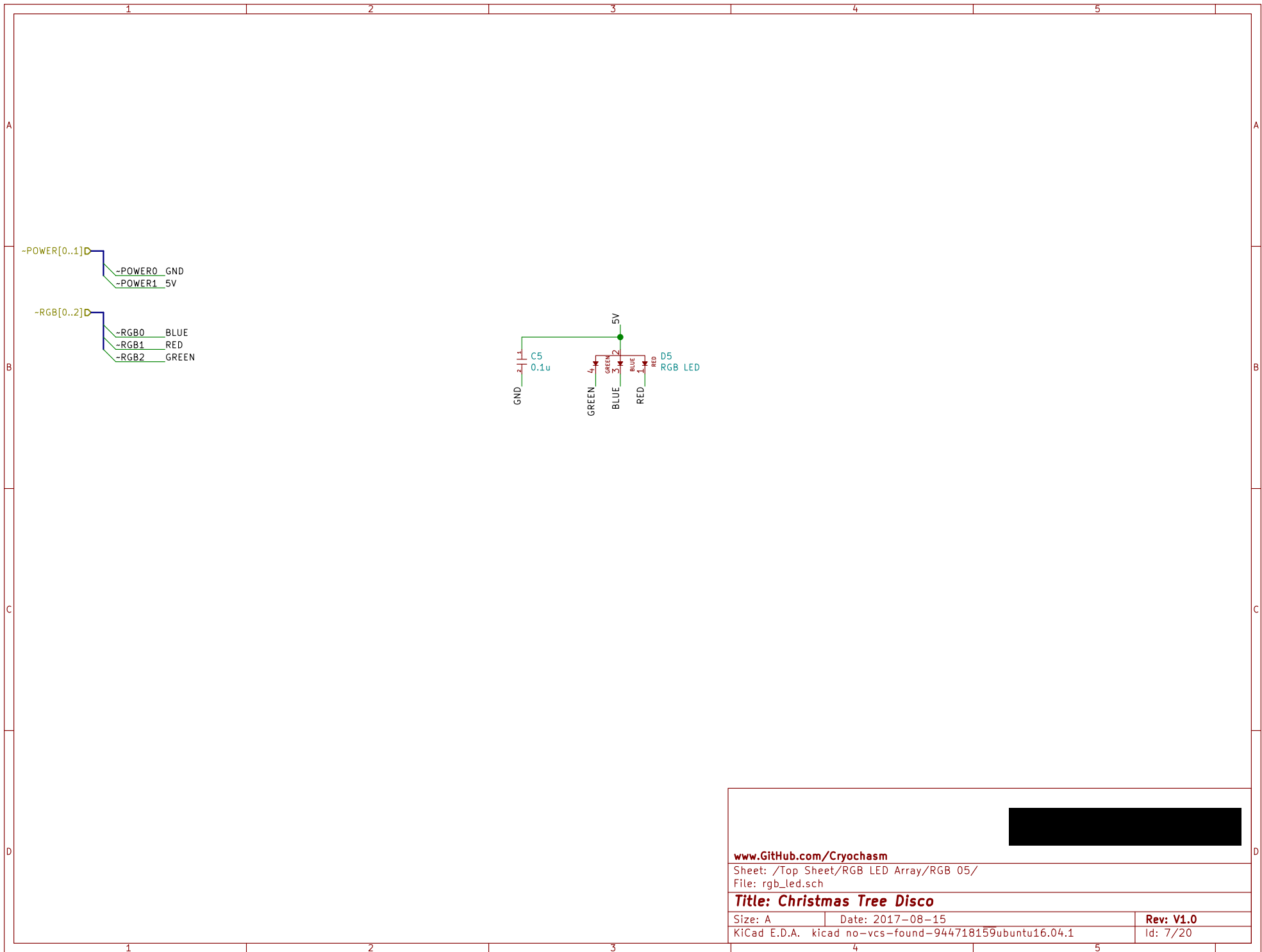
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 6/20



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Sheet: /Top Sheet/RGB LED Array/RGB 05/
File: rgb_led.sch

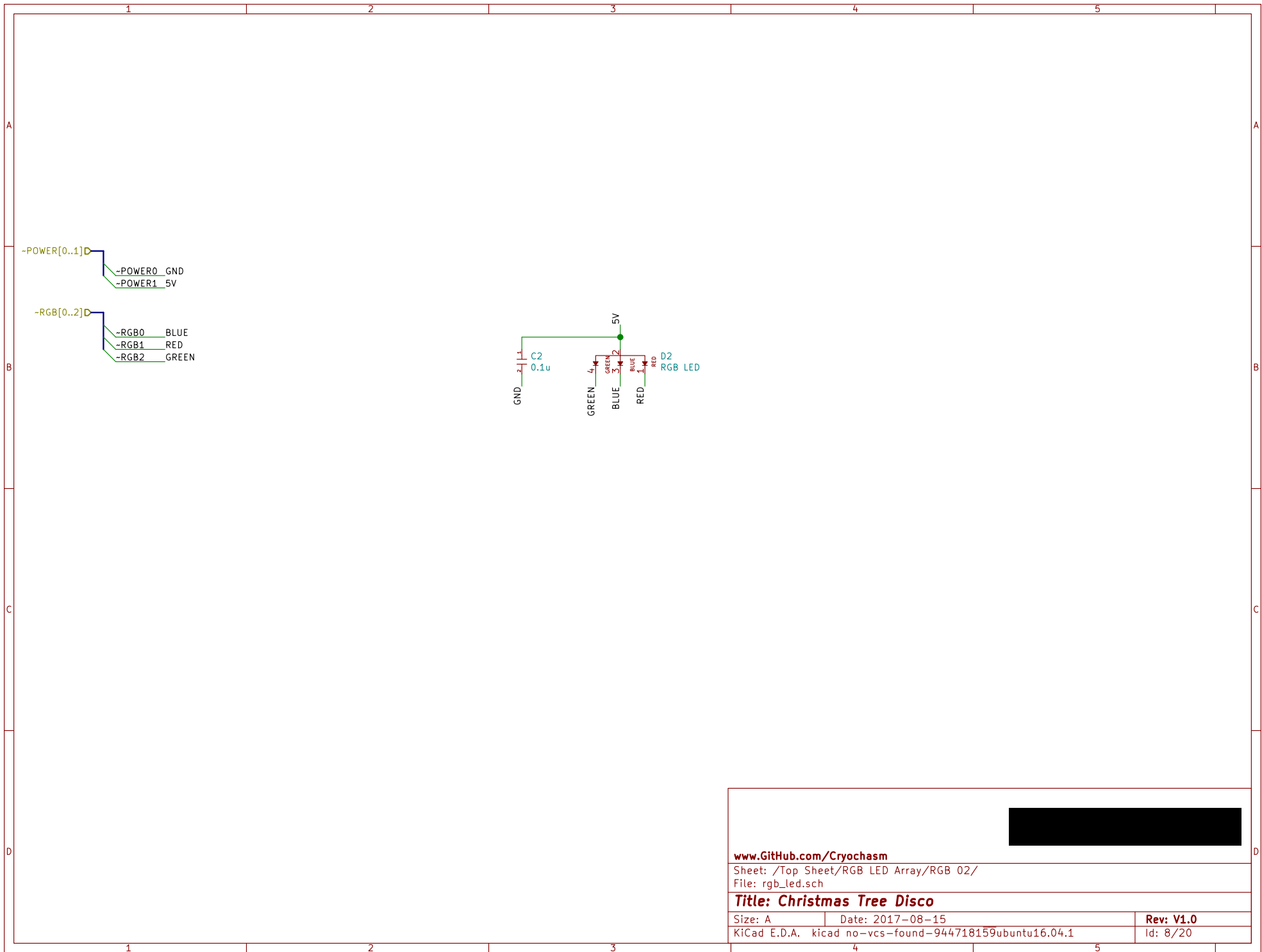
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 7/20

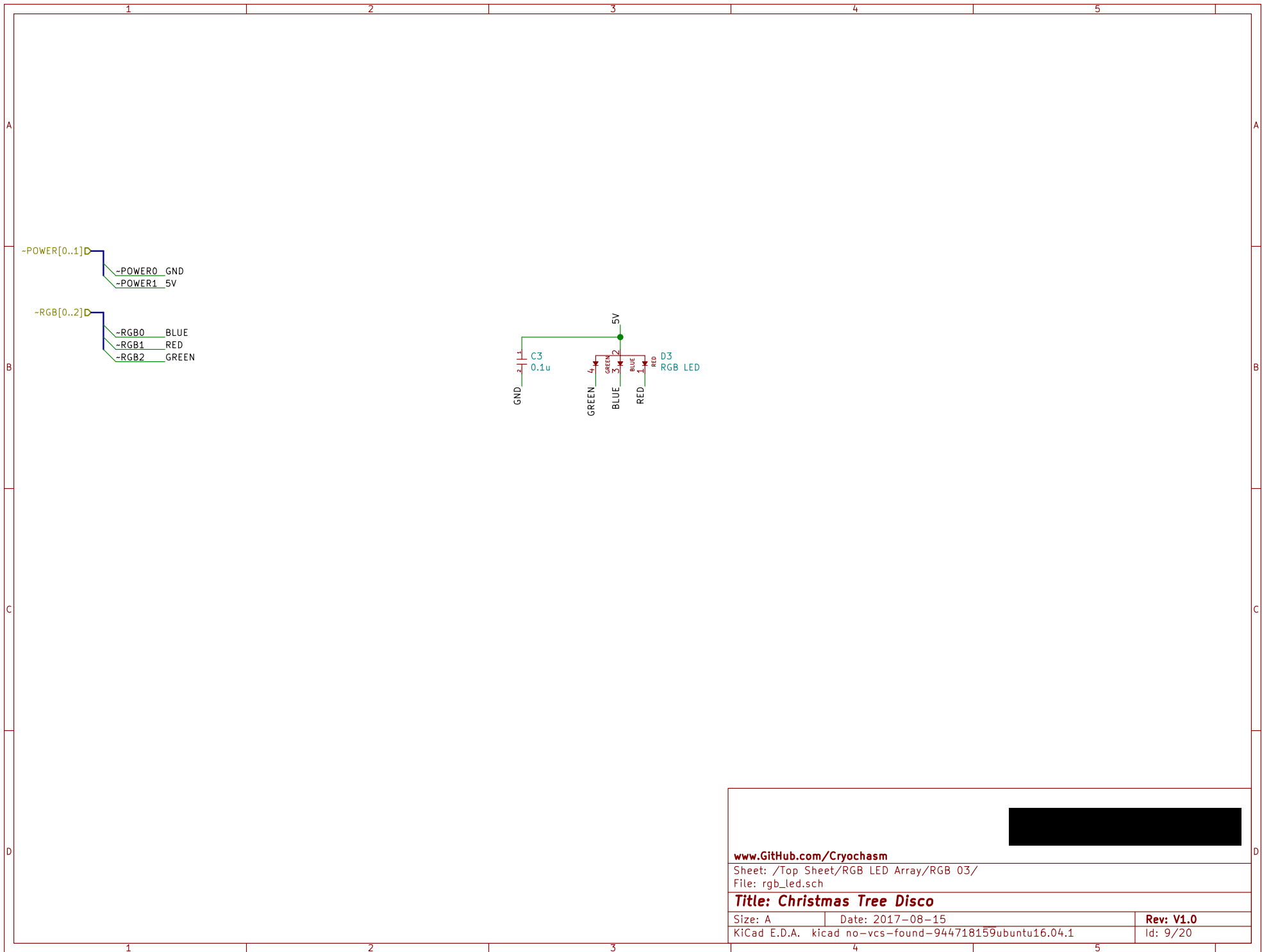


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Sheet: /Top Sheet/RGB LED Array/RGB 02/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 8/20

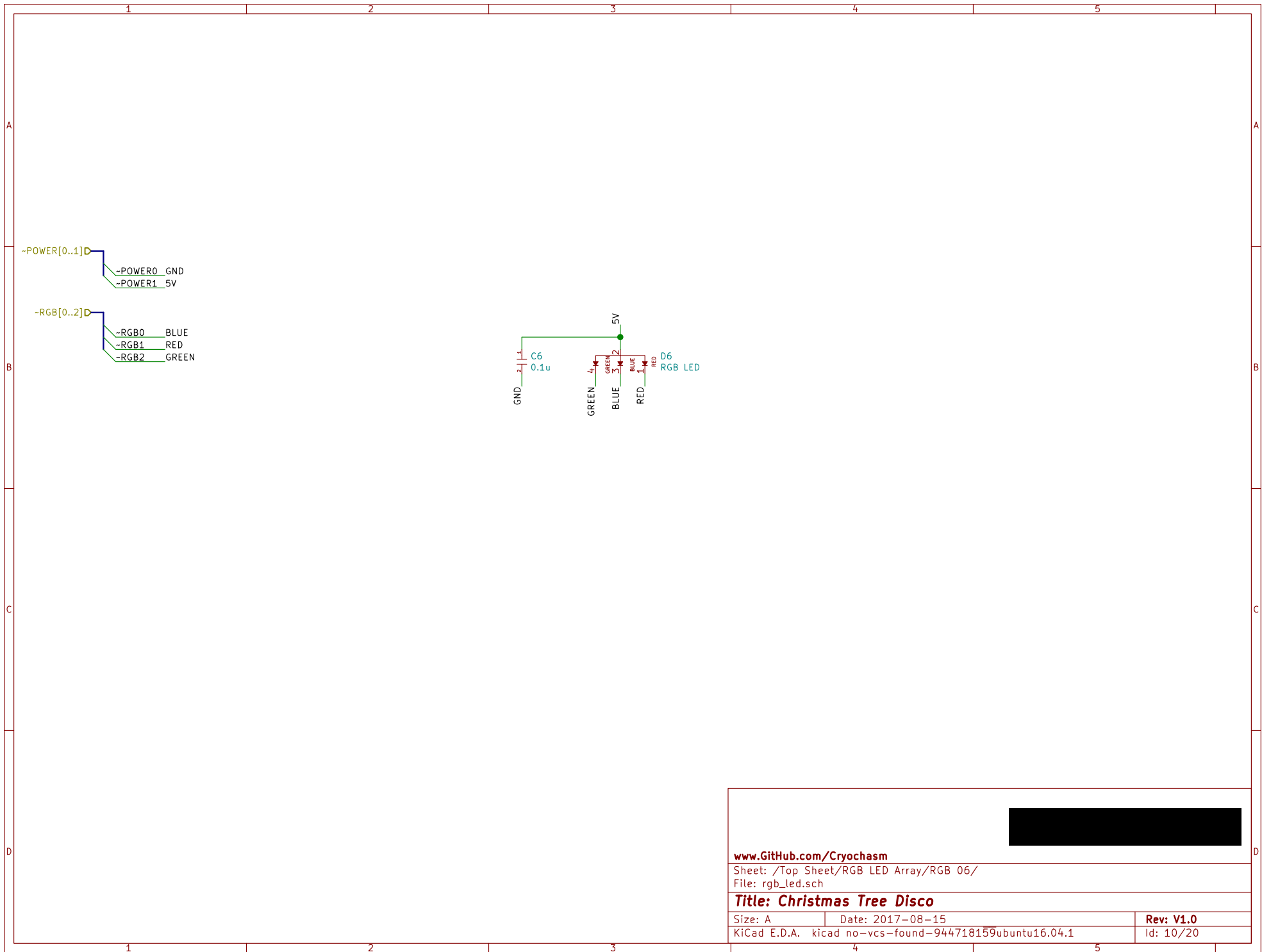


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Sheet: /Top Sheet/RGB LED Array/RGB 03/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 9/20



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Sheet: /Top Sheet/RGB LED Array/RGB 06/
File: rgb_led.sch

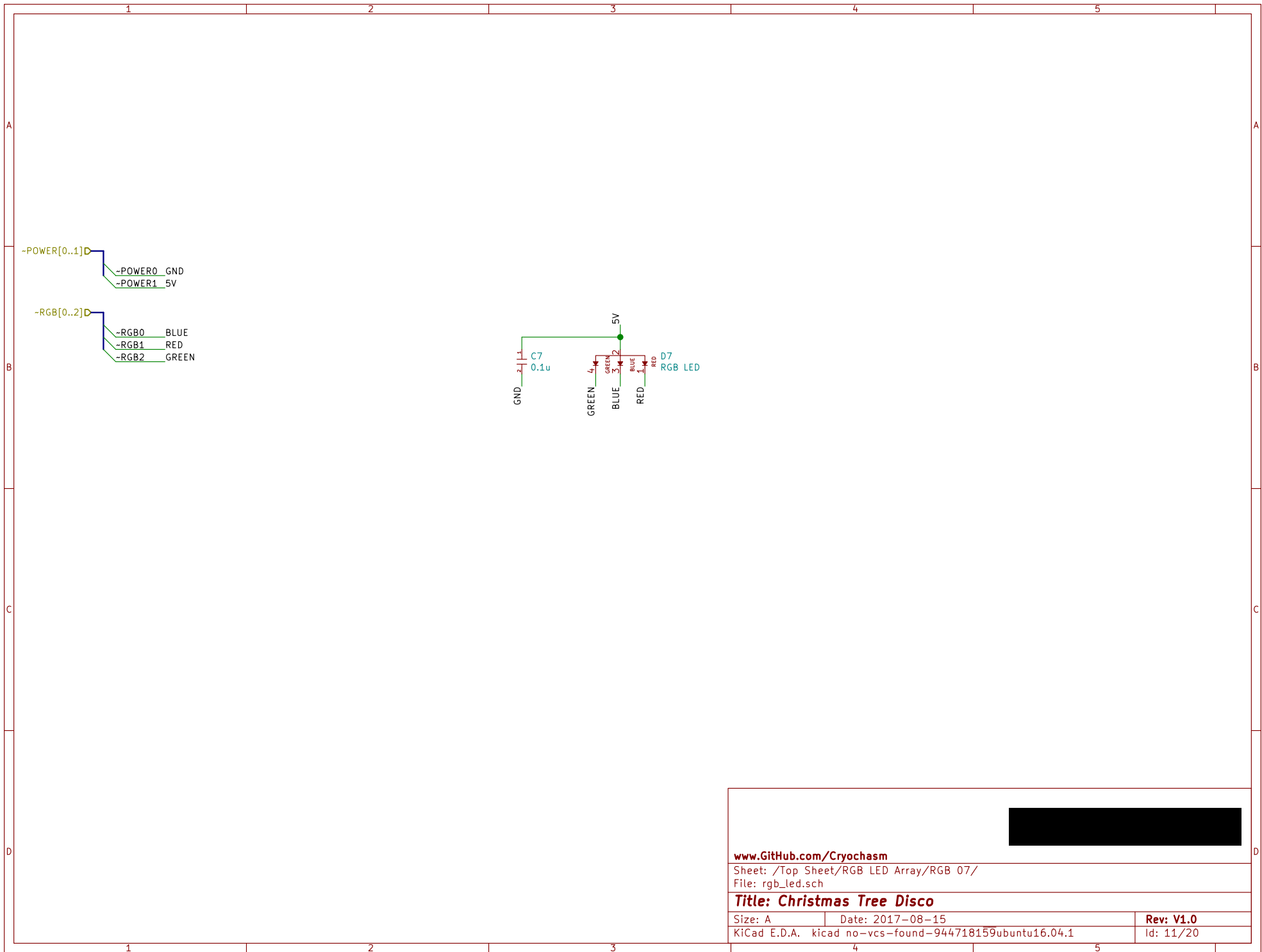
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 10/20

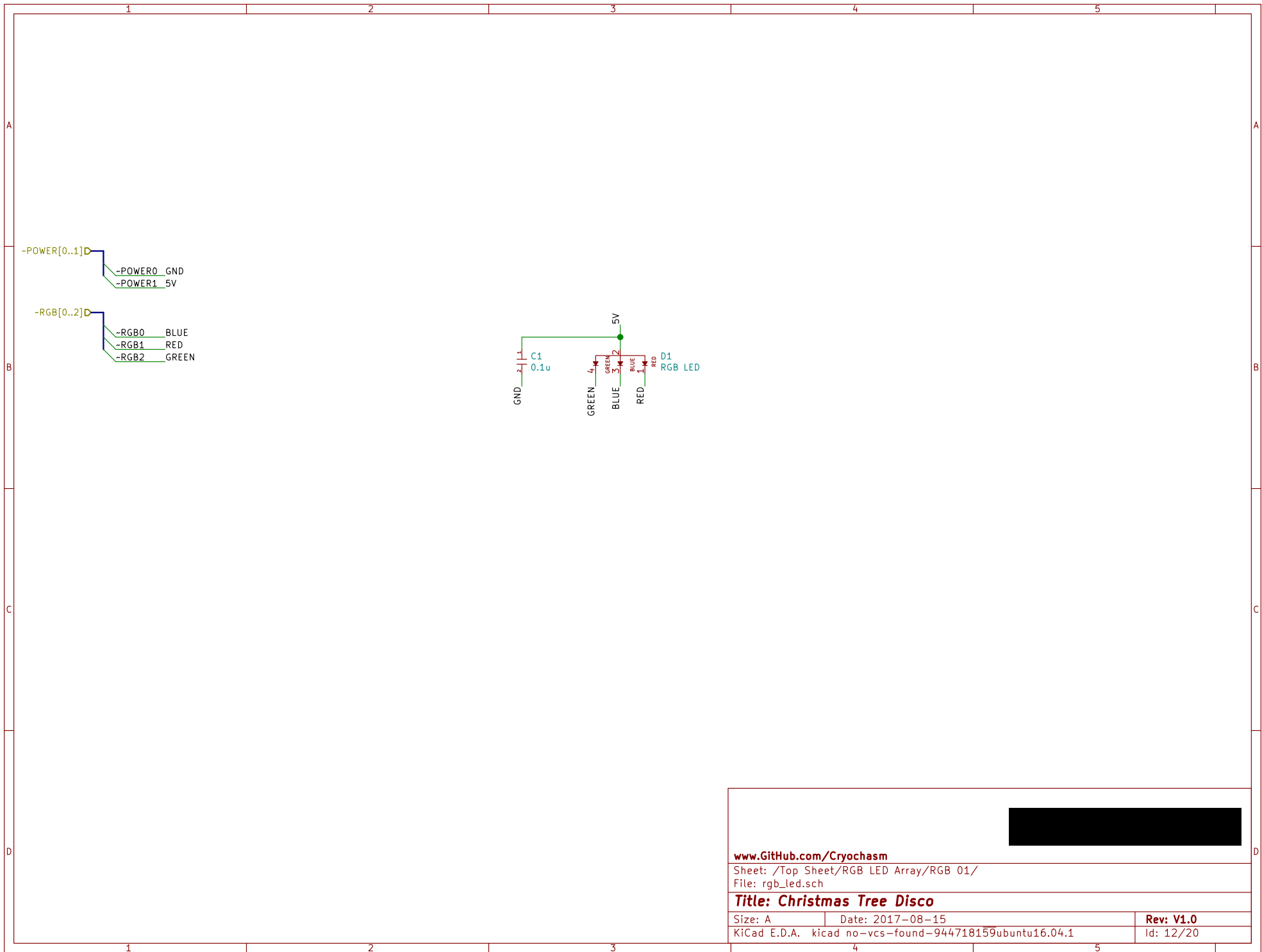


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Sheet: /Top Sheet/RGB LED Array/RGB 07/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 11/20

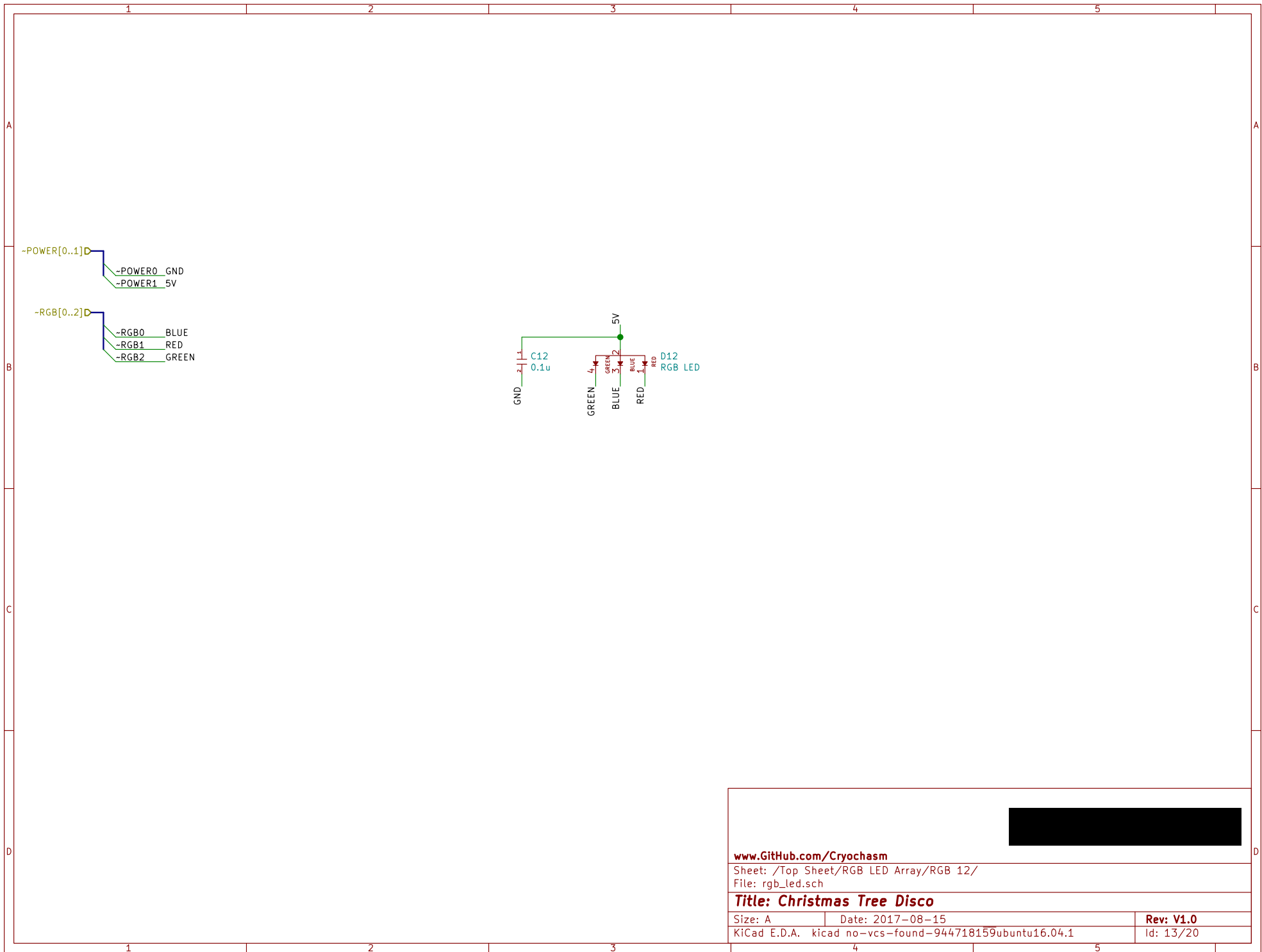


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Sheet: /Top Sheet/RGB LED Array/RGB 01/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 12/20

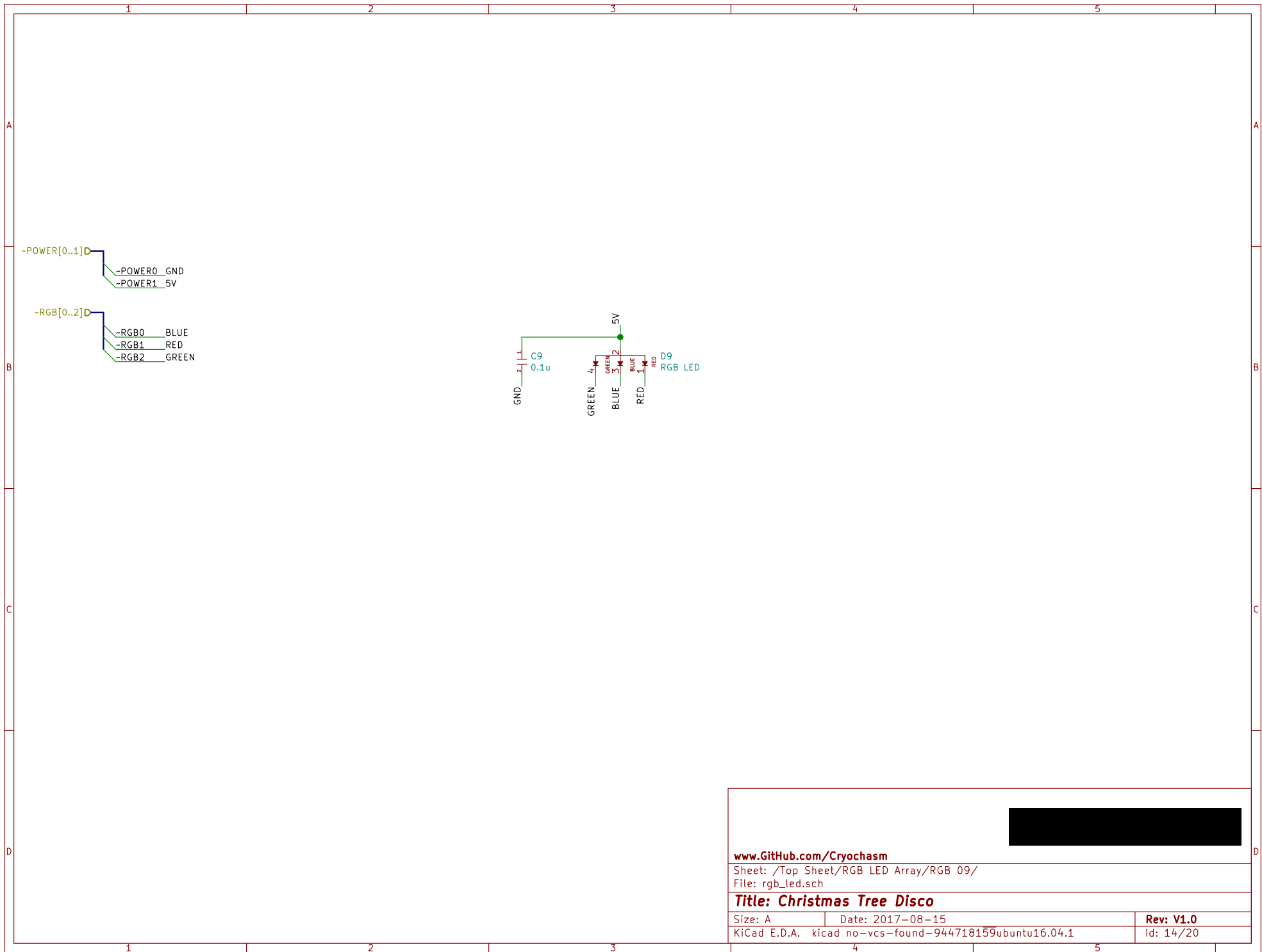


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Sheet: /Top Sheet/RGB LED Array/RGB 12/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 13/20

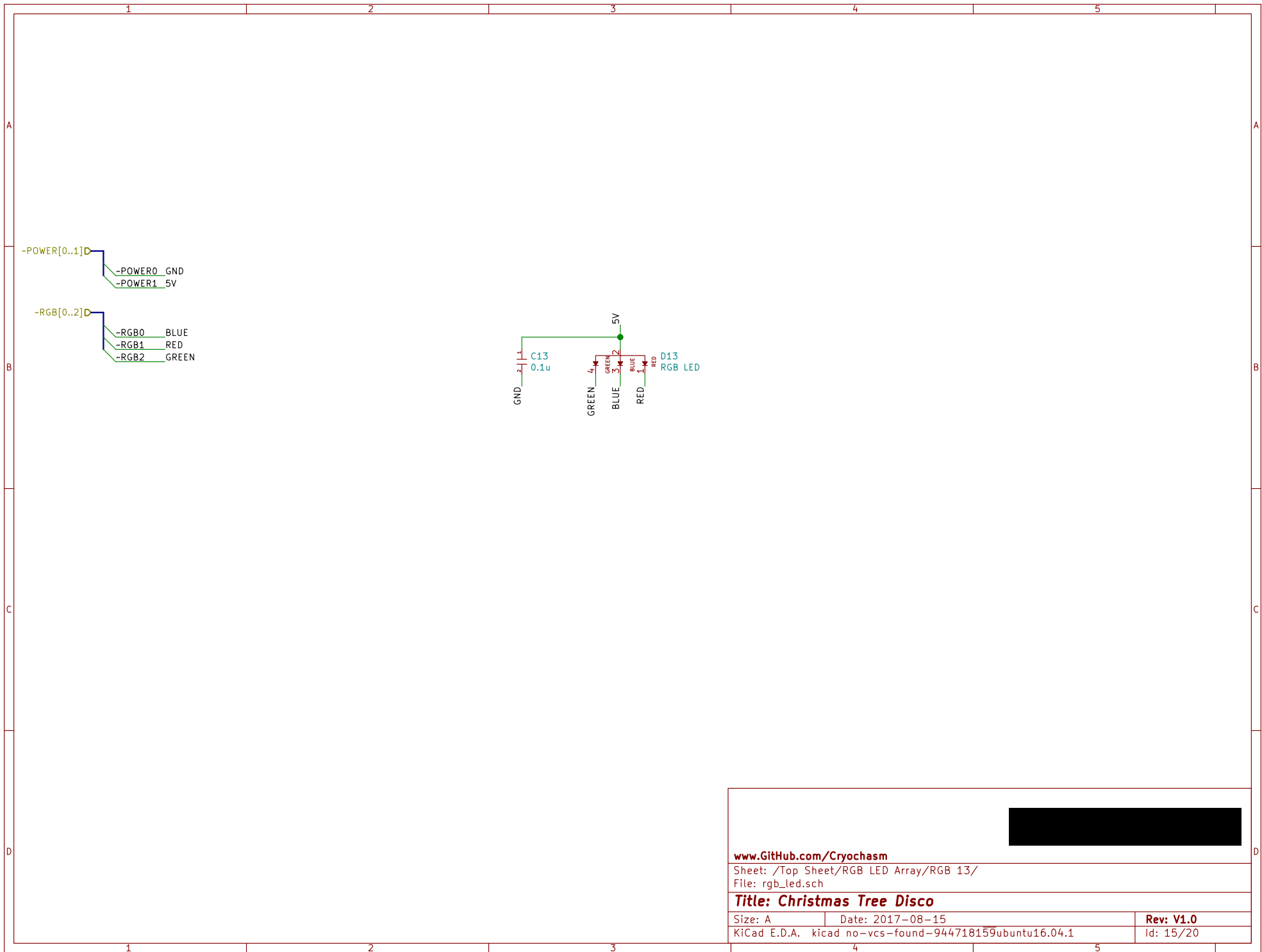


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Sheet: /Top Sheet/RGB LED Array/RGB 09/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 14/20

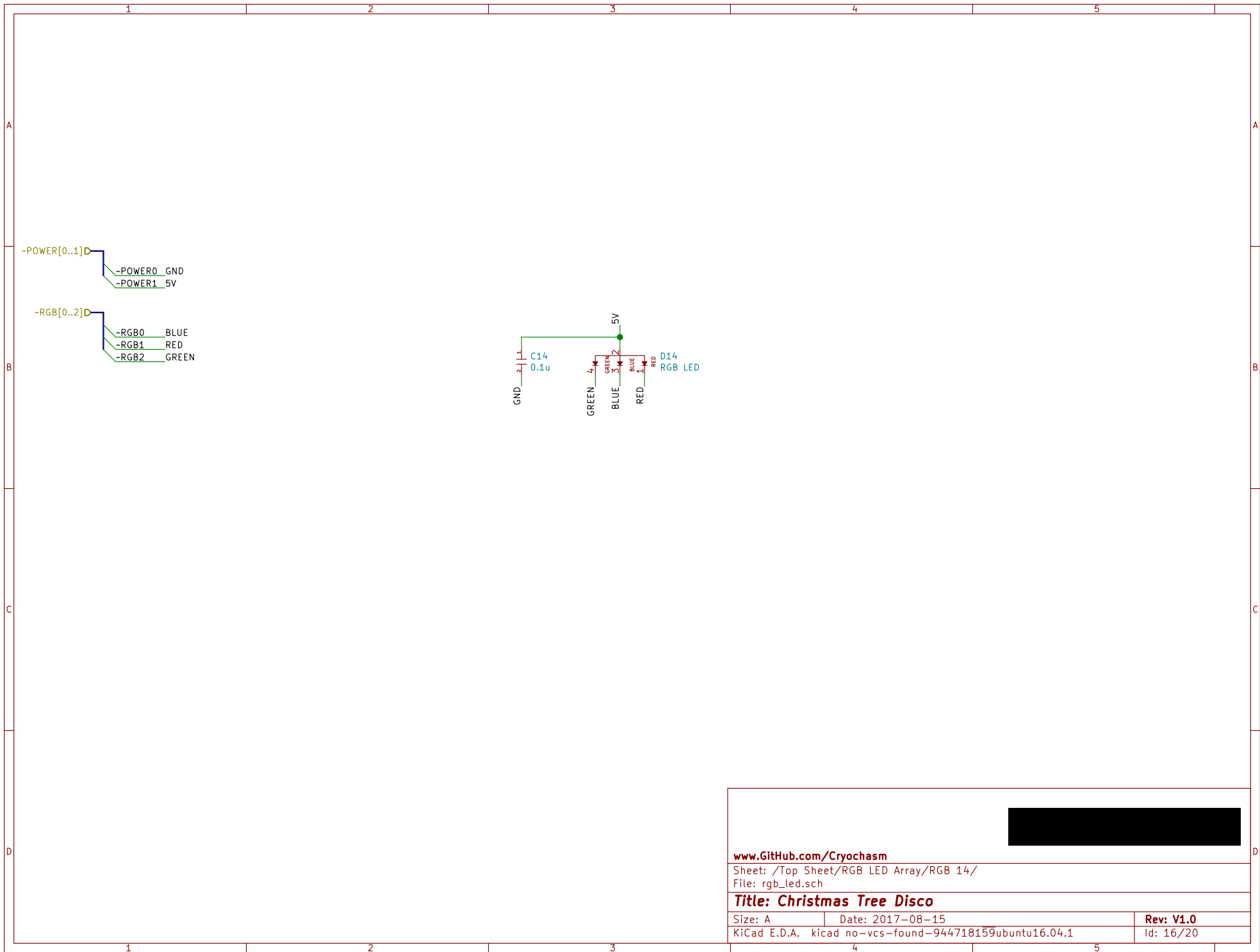


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Sheet: /Top Sheet/RGB LED Array/RGB 13/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 15/20

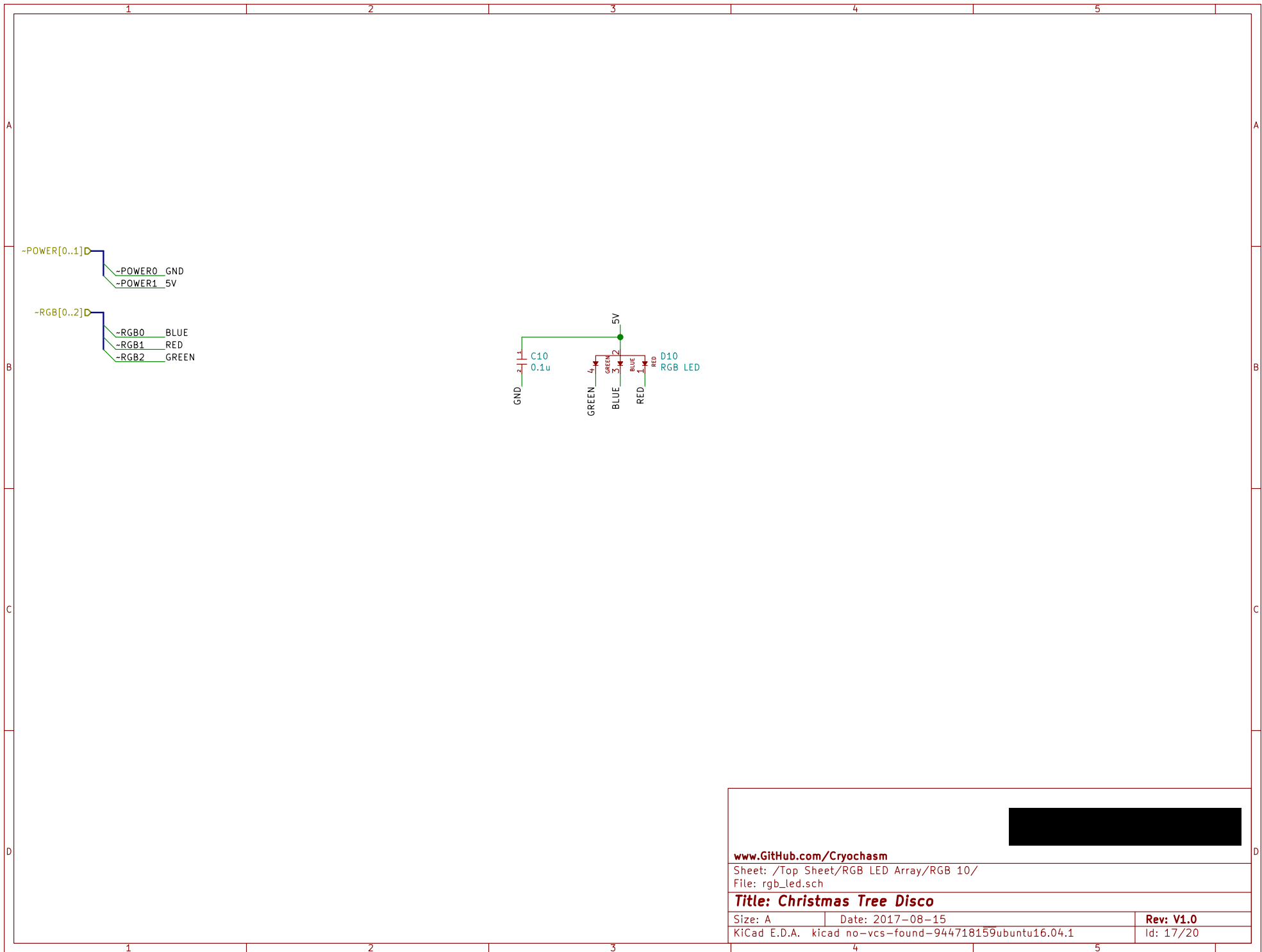


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Sheet: /Top Sheet/RGB LED Array/RGB 14/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 16/20



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Sheet: /Top Sheet/RGB LED Array/RGB 10/
File: rgb_led.sch

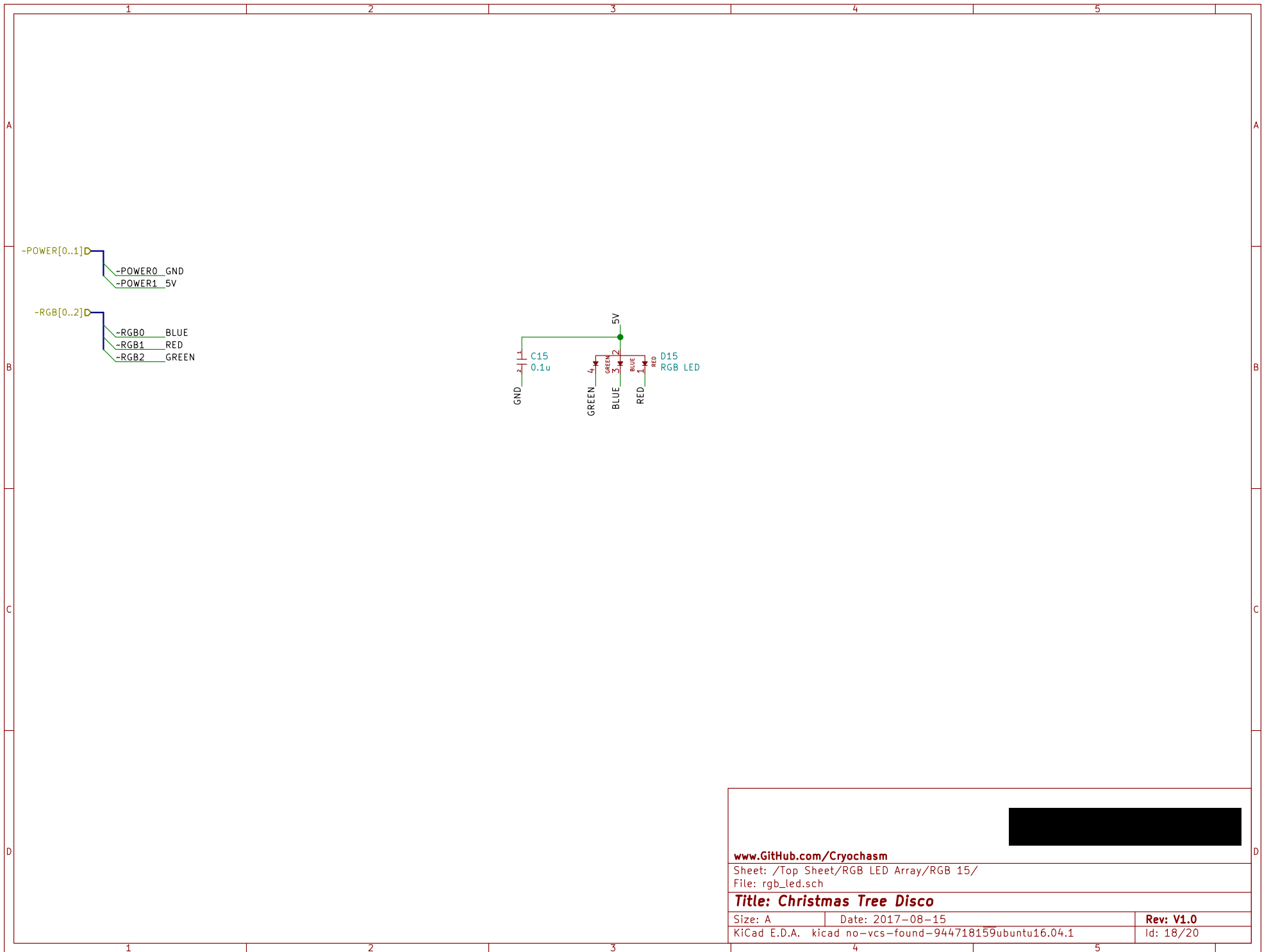
Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 17/20

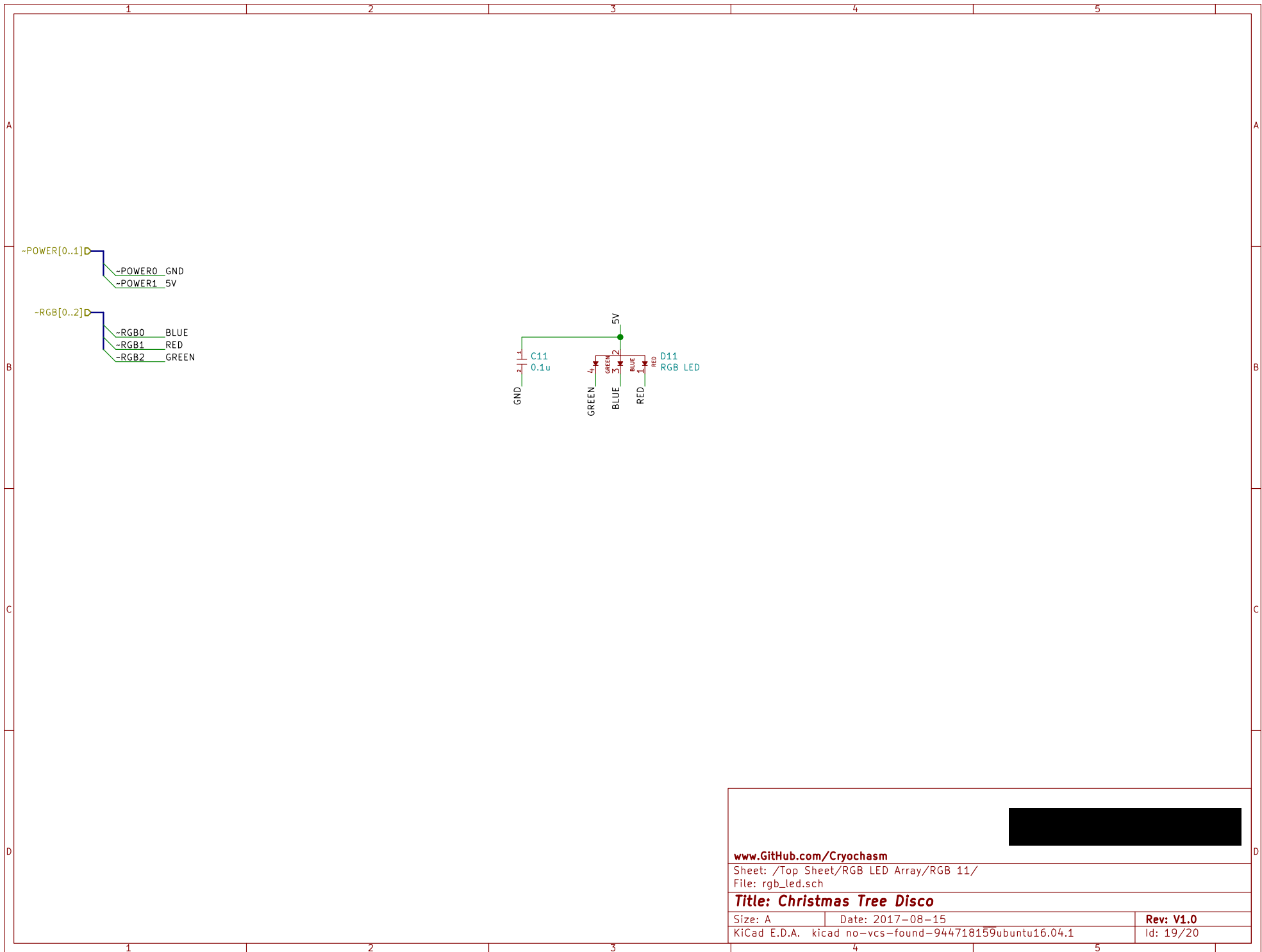


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Sheet: /Top Sheet/RGB LED Array/RGB 15/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 18/20

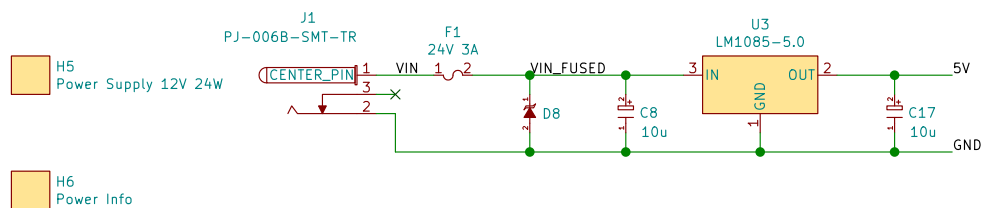


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Sheet: /Top Sheet/RGB LED Array/RGB 11/
File: rgb_led.sch

Title: Christmas Tree Disco

Size: A	Date: 2017-08-15	Rev: V1.0
KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1		Id: 19/20



-POWER[0..1]D
-POWER0_GND
-POWER1_5V

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Sheet: /Top Sheet/Power Supply/
File: power.sch

Title: Christmas Tree Disco

Size: A Date: 2017-08-15

KiCad E.D.A. kicad no-vcs-found-944718159ubuntu16.04.1

Rev: V1.0

Id: 20/20