

# The Incrementor

## 01. Table of Contents

## 02. +12V Power Input

## 03. +3.3V Power Supply

## 04. Oscillator

## 05. Clock Selection

## 06. Status LEDs

## 07. Pushbuttons

## 08. External Clock

## 09. Stage 1

## 10. Stage 2

## 11. Stage 3

## 12. Stage 4

## 13. Stage 5

## 14. Stage 6

## 15. Stage 7

## 16. Stage 8

## 17. Stage 9

## 18. Stage 10

## 19. Clock Output

## 20. Mechanical

Sheet: +12V Power Input

File: POS12\_Power\_Input.sch

Sheet: +3.3V Power Supply

File: POS3P3\_Power\_Supply.sch

Sheet: Oscillator

File: Oscillator.sch

Sheet: Clock Selection

File: Clock\_Selection.sch

Sheet: Status LEDs

File: Status\_LEDs.sch

Sheet: Pushbuttons

File: Pushbuttons.sch

Sheet: External Clock

File: External\_Clock.sch

Sheet: Stage 01

File: Stage\_01.sch

Sheet: Stage 02

File: Stage\_02.sch

Sheet: Stage 03

File: Stage\_03.sch

Sheet: Stage 04

File: Stage\_04.sch

Sheet: Stage 05

File: Stage\_05.sch

Sheet: Stage 06

File: Stage\_06.sch

Sheet: Stage 07

File: Stage\_07.sch

Sheet: Stage 08

File: Stage\_08.sch

Sheet: Stage 09

File: Stage\_09.sch

Sheet: Stage 10

File: Stage\_10.sch

Sheet: Clock Output

File: Clock\_Output.sch

Sheet: Mechanical

File: Mechanical.sch

**Drew Maatman**

Sheet: /

File: Incrementor.sch

**Title: Incrementor**

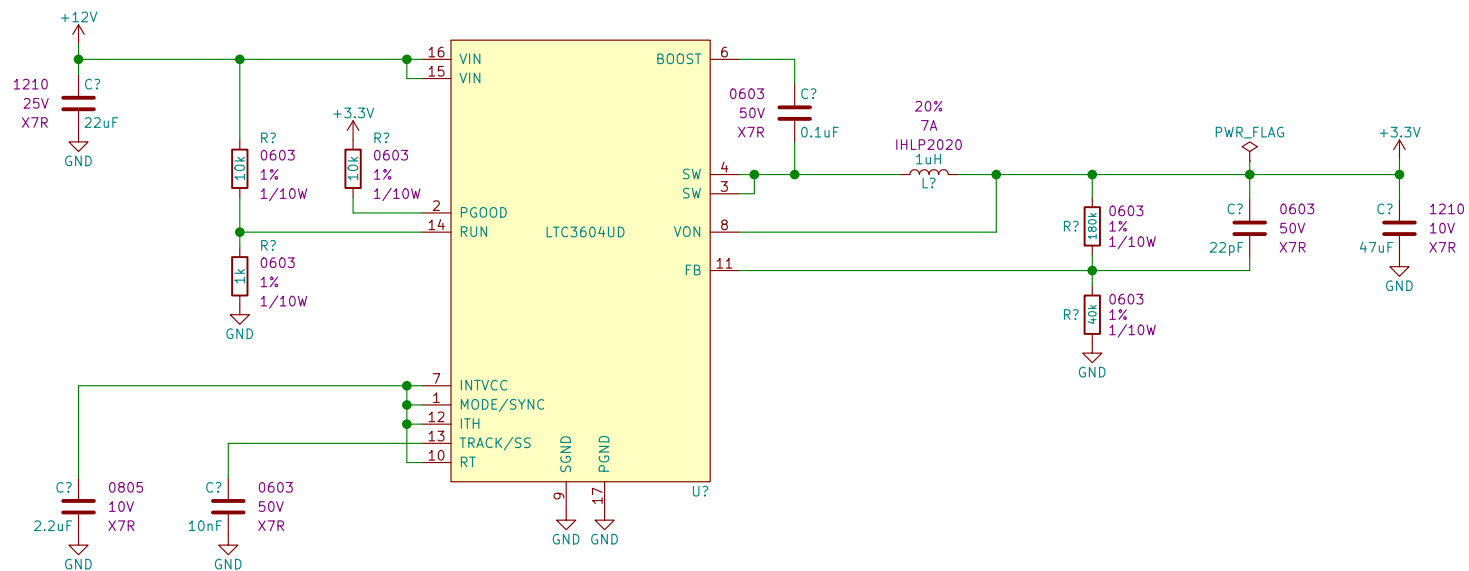
Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**

Id: 1/20





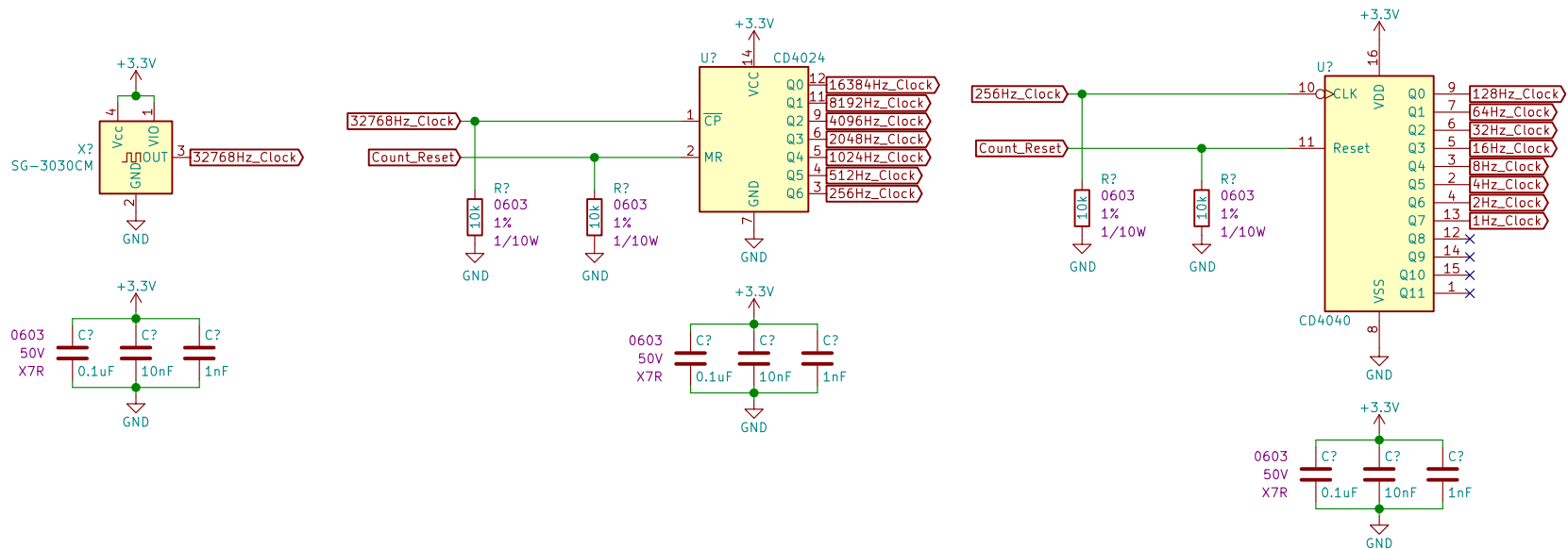
**Drew Maatman**

Sheet: /+3.3V Power Supply/  
File: POS3P3\_Power\_Supply.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**  
Id: 3/20



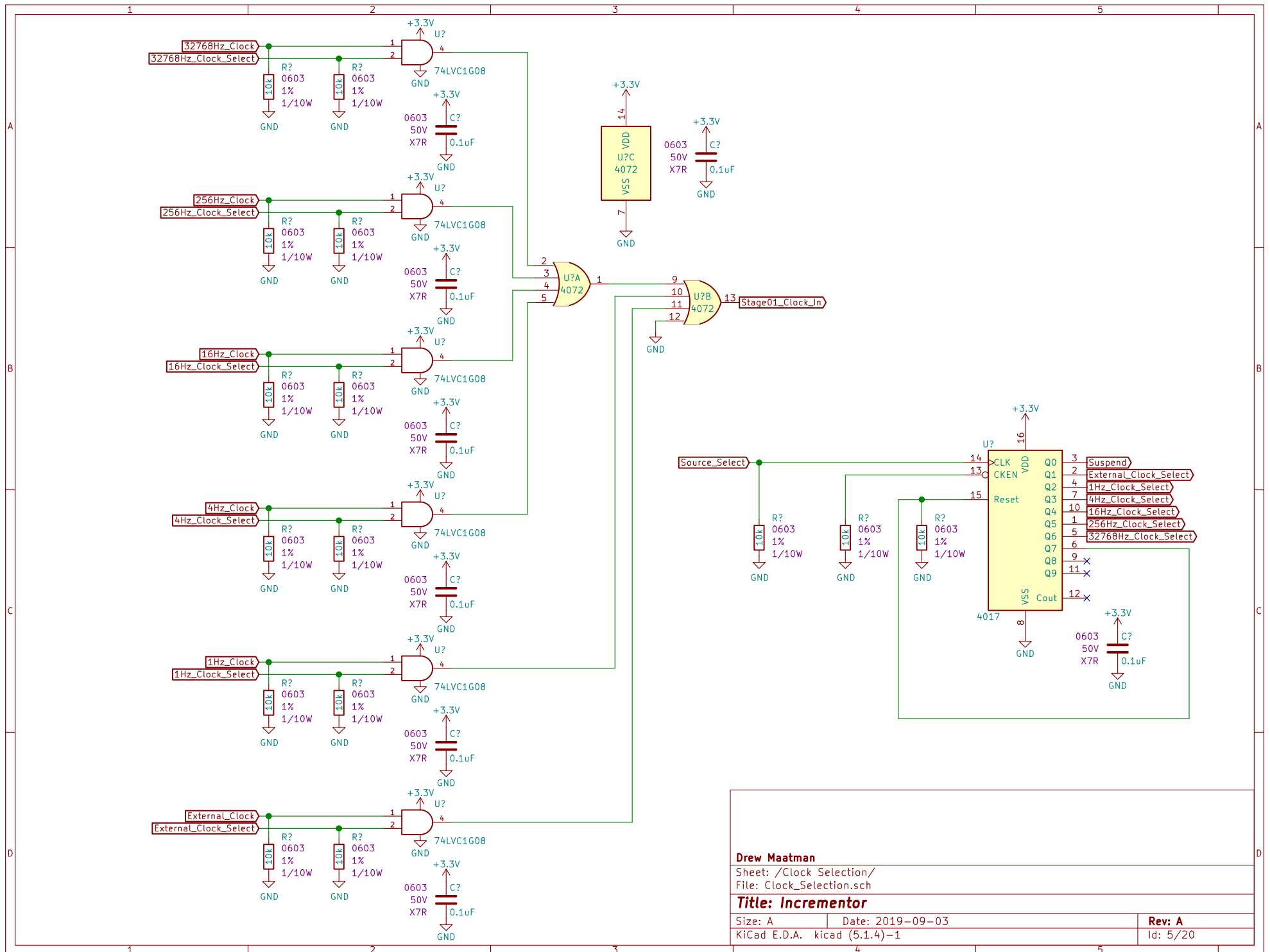
**Drew Maatman**

Sheet: /Oscillator/  
File: Oscillator.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**  
Id: 4/20



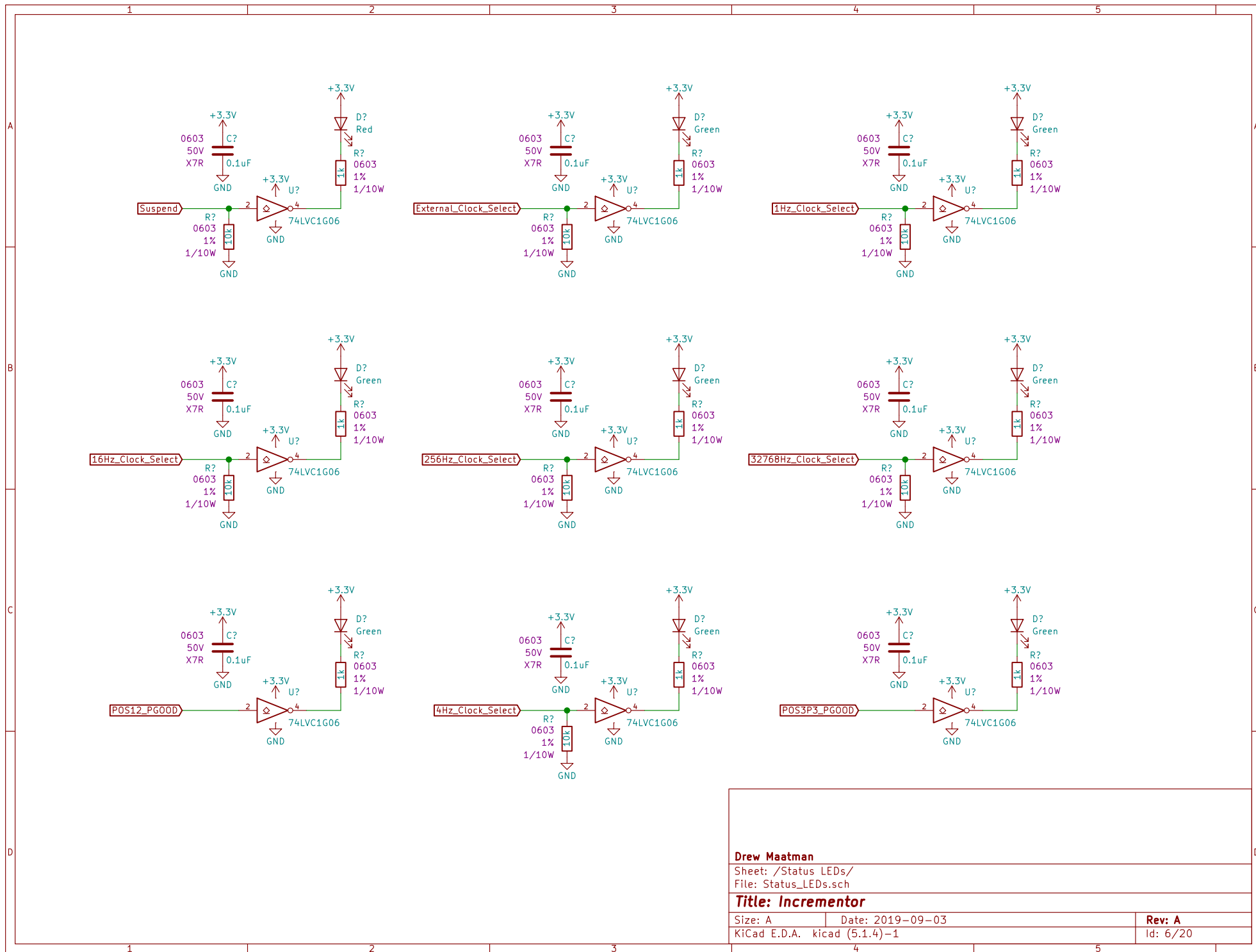
**Drew Maatman**

Sheet: /Clock Selection/  
File: Clock\_Selection.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**  
Id: 5/20



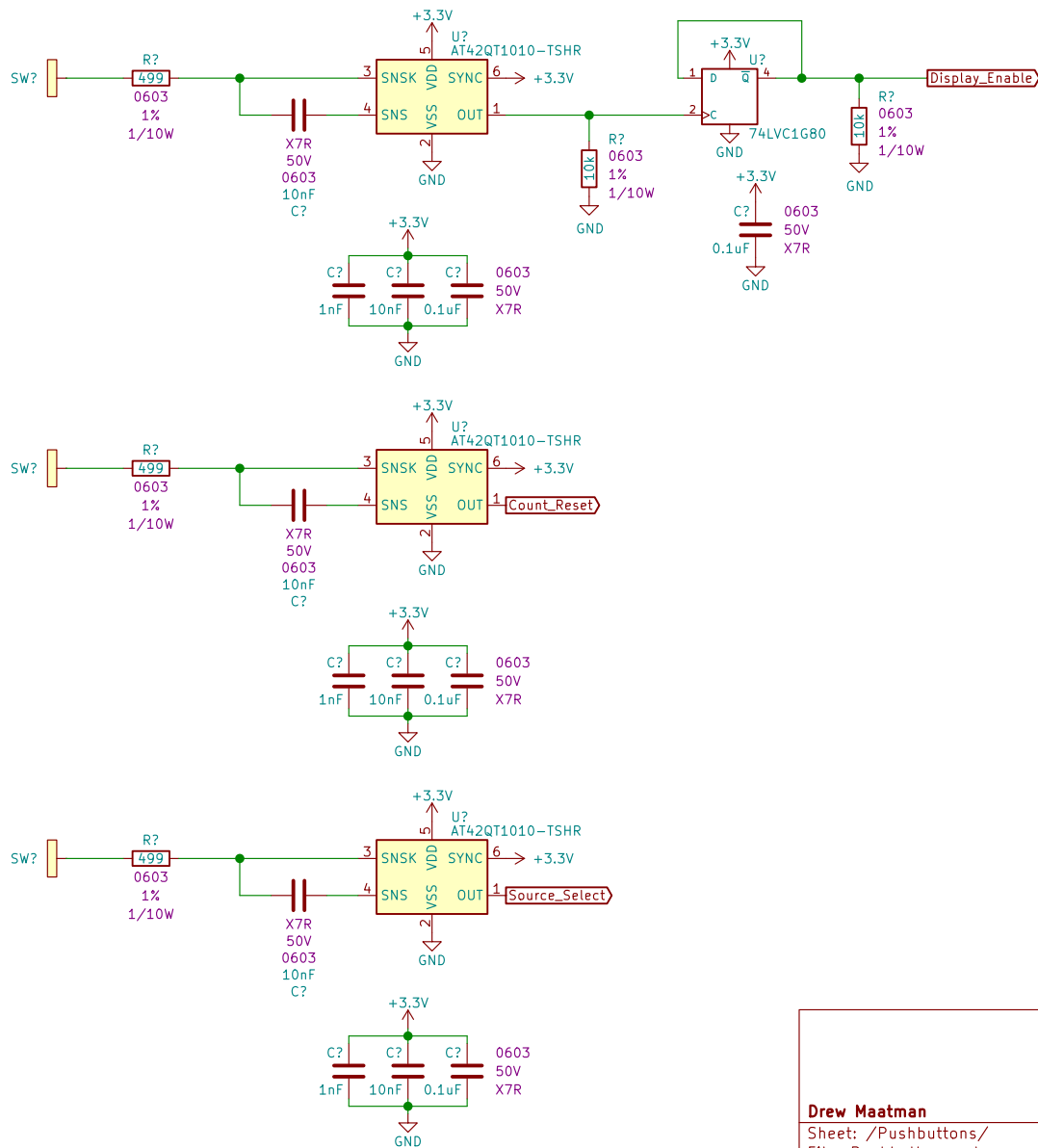
Drew Maatman

Sheet: /Status\_LEDs/  
File: Status\_LEDs.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

Rev: A  
Id: 6/20



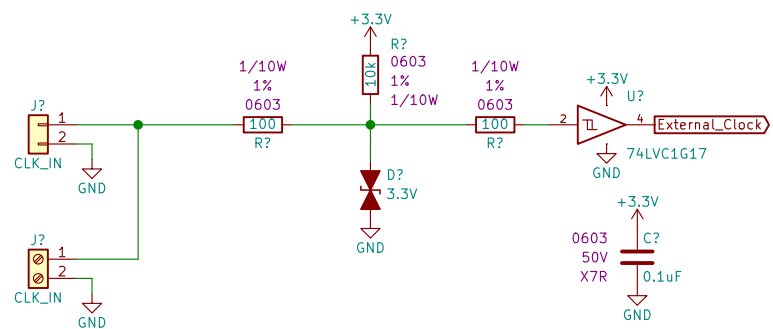
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Sheet: /Pushbuttons/  
File: Pushbuttons.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

Rev: A  
Id: 7/20



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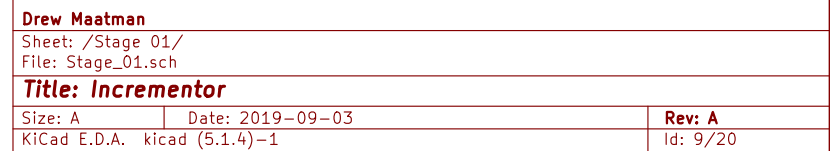
Sheet: /External Clock/  
File: External\_Clock.sch

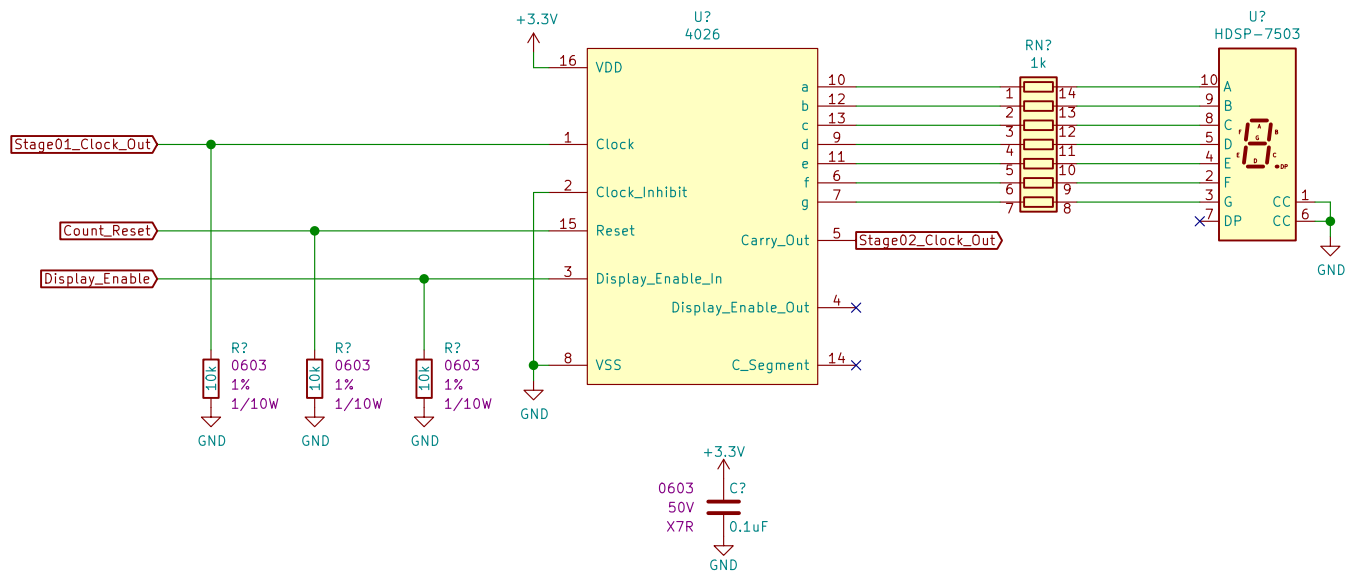
**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**  
Id: 8/20







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Sheet: /Stage 02/

File: Stage\_02.sch

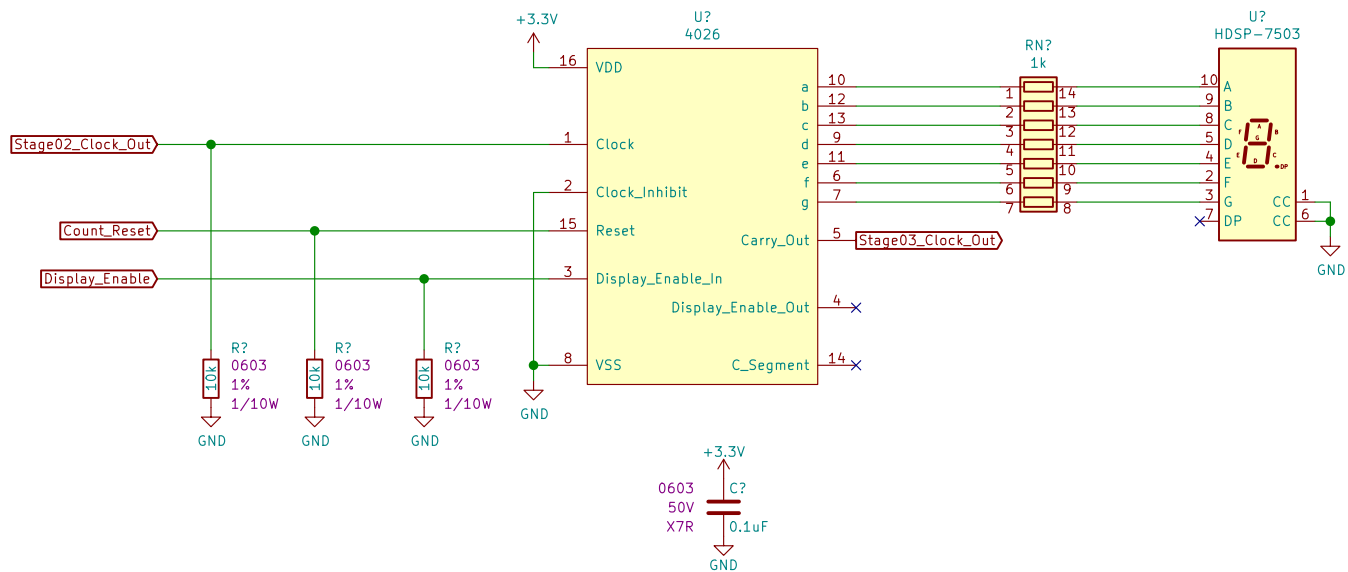
**Title: Incrementor**

Size: A Date: 2019-09-03

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Rev: A

Id: 10/20



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Sheet: /Stage 03/

File: Stage\_03.sch

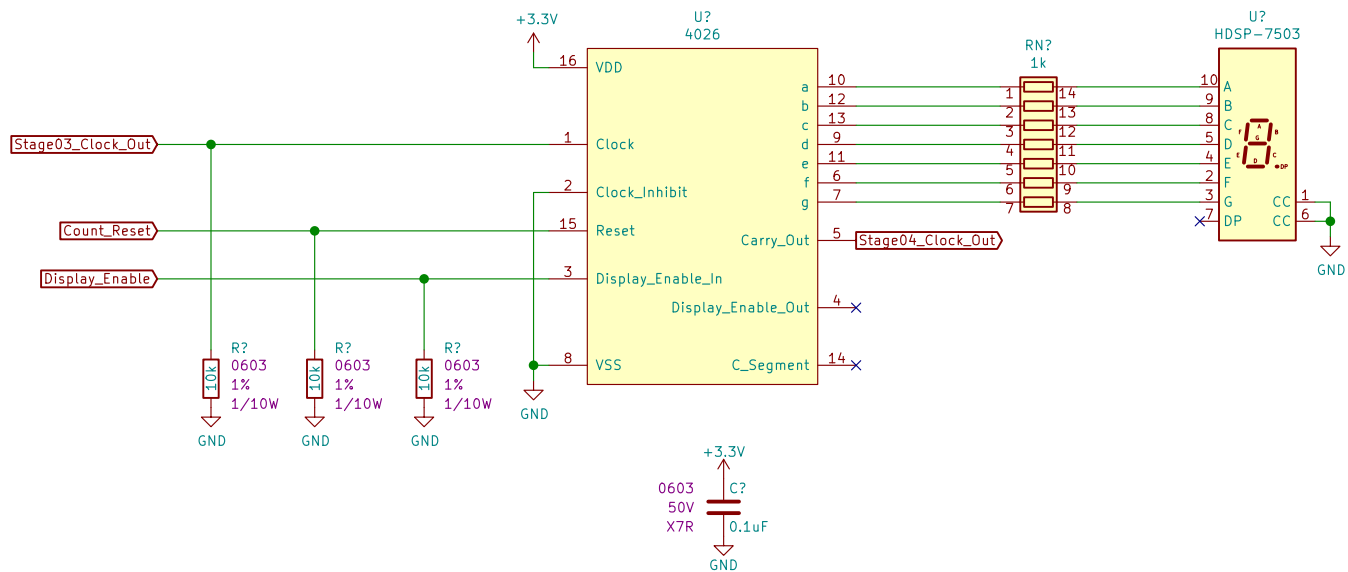
**Title: Incrementor**

Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

Rev: A

Id: 11/20



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Sheet: /Stage 04/

File: Stage\_04.sch

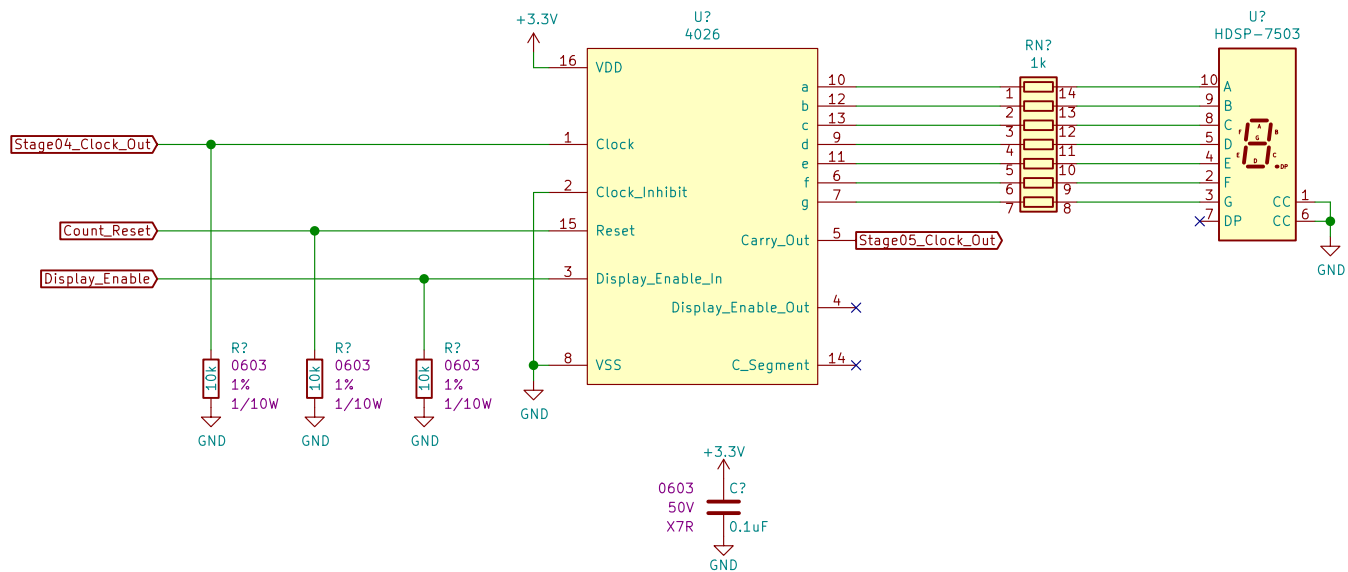
**Title: Incrementor**

Size: A Date: 2019-09-03

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Rev: A

Id: 12/20



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Sheet: /Stage 05/

File: Stage\_05.sch

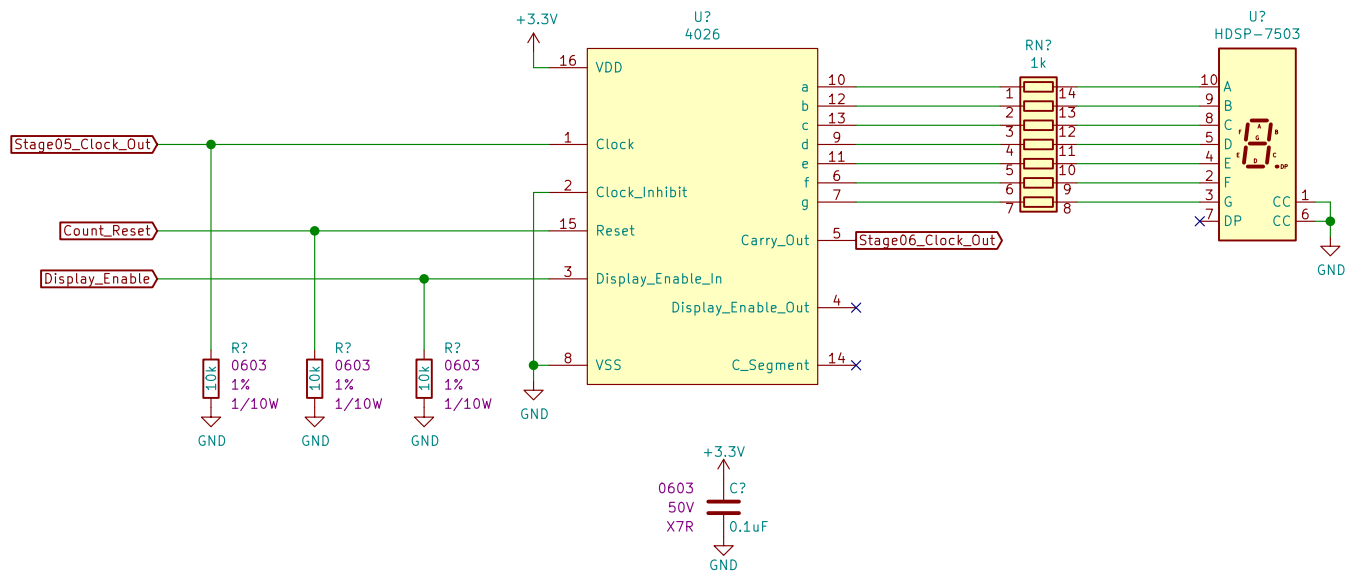
**Title: Incrementor**

Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

Rev: A

Id: 13/20



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Sheet: /Stage 06/

File: Stage\_06.sch

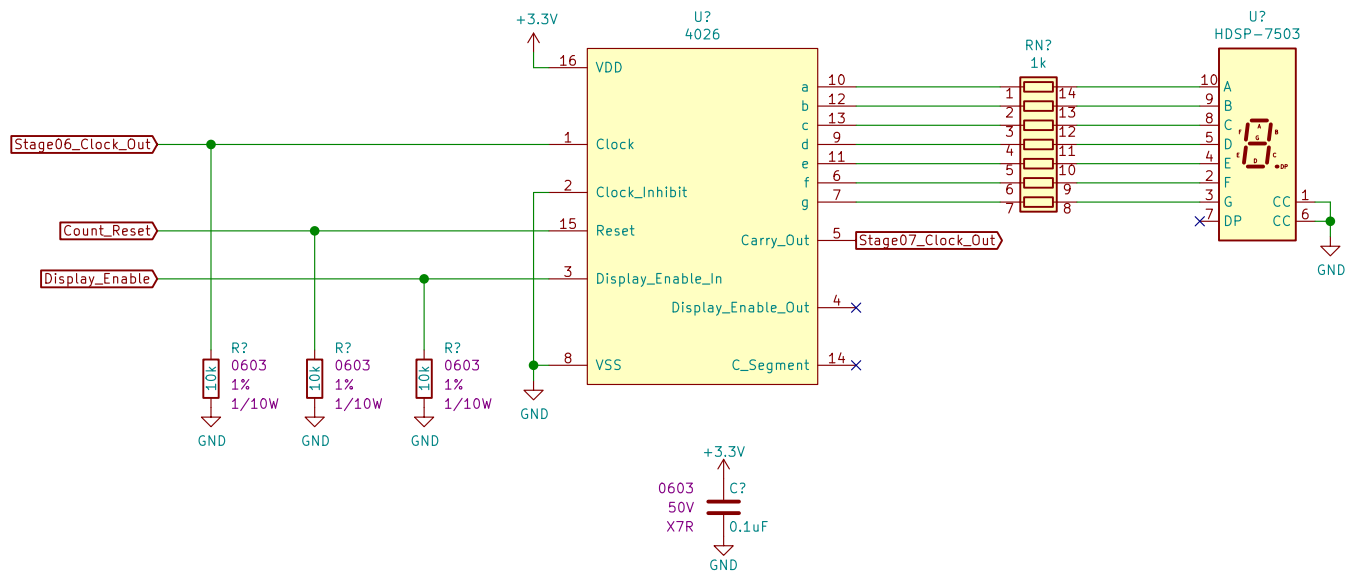
**Title: Incrementor**

Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

Rev: A

Id: 14/20



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Sheet: /Stage 07/

File: Stage\_07.sch

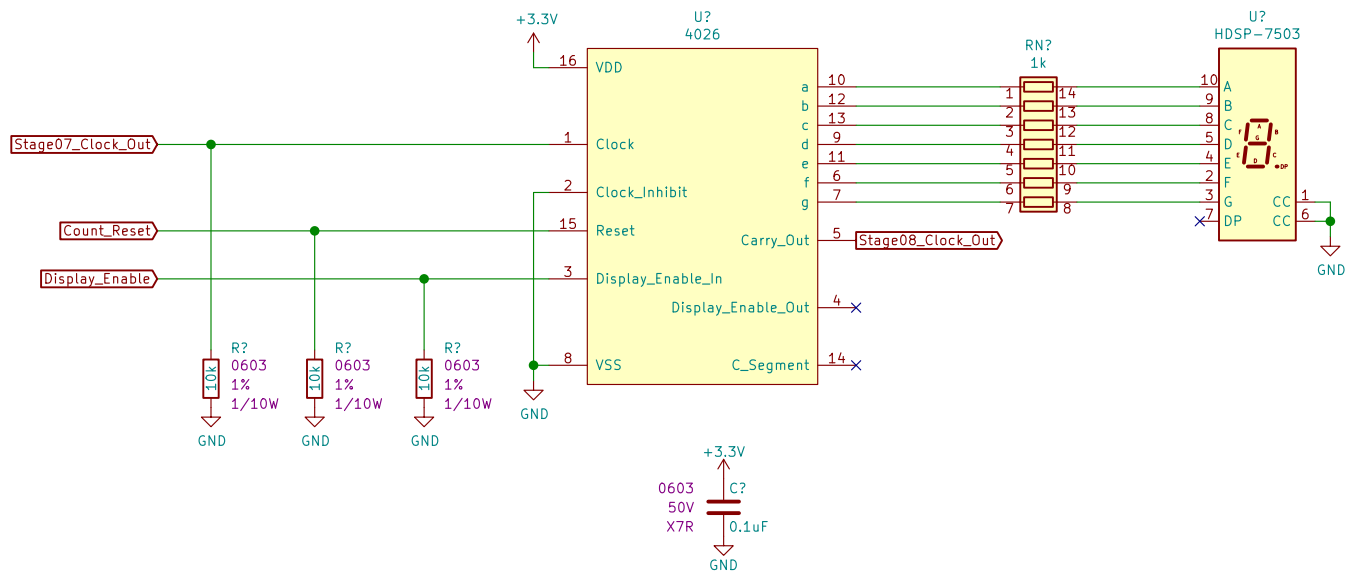
**Title: Incrementor**

Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

Rev: A

Id: 15/20



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Sheet: /Stage 08/

File: Stage\_08.sch

**Title: Incrementor**

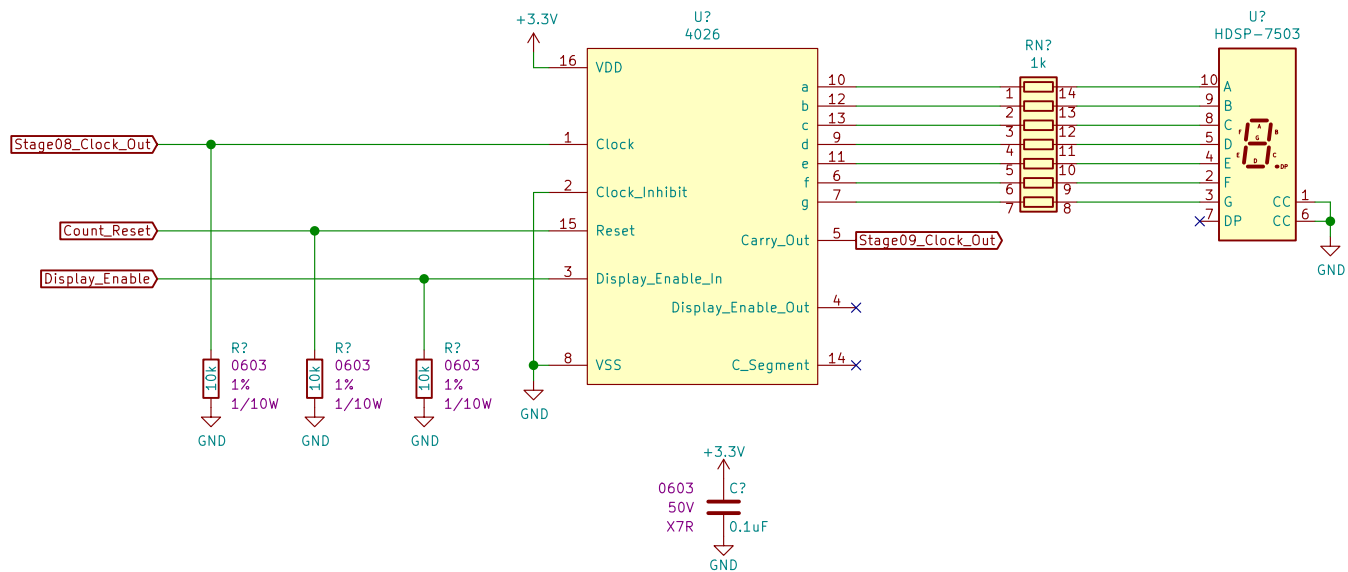
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KiCad E.D.A. kicad (5.1.4)-1

Rev: A

Id: 16/20





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Sheet: /Stage 09/

File: Stage\_09.sch

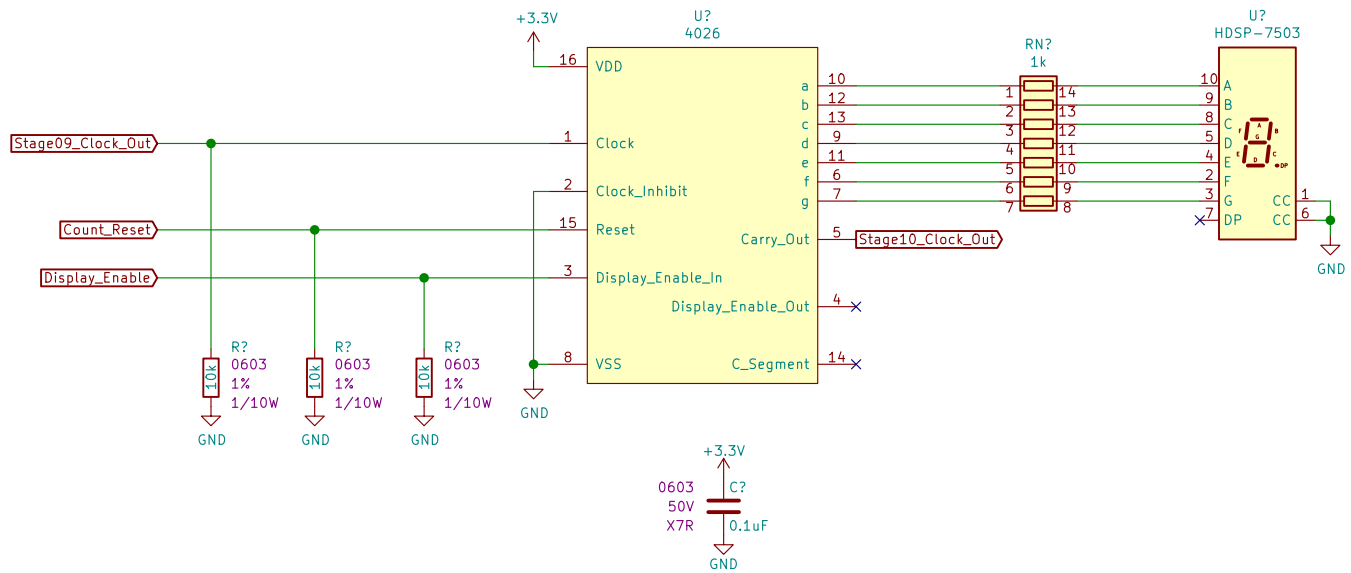
**Title: Incrementor**

Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

Rev: A

Id: 17/20



**Drew Maatman**

Sheet: /Stage 10/

File: Stage\_10.sch

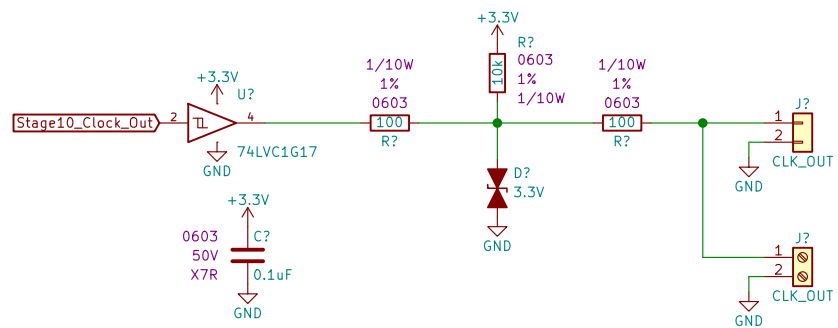
**Title: Incrementor**

Size: A Date: 2019-09-03

KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**

Id: 18/20



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Sheet: /Clock Output/  
File: Clock\_Output.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**  
Id: 19/20

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

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Sheet: /Mechanical/ File: Mechanical.sch		
Title: Incrementor		
Size: A	Date: 2019-09-03	Rev: A
KiCad E.D.A. kicad (5.1.4)-1		Id: 20/20