

# The Incrementor

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Sheet: +3.3V Power Supply

File: POS3P3\_Power\_Supply.sch

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File: Pushbuttons.sch

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File: External\_Clock.sch

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Sheet: Clock Output

File: Clock\_Output.sch

Sheet: Mechanical

File: Mechanical.sch

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Sheet: /

File: Incrementor.sch

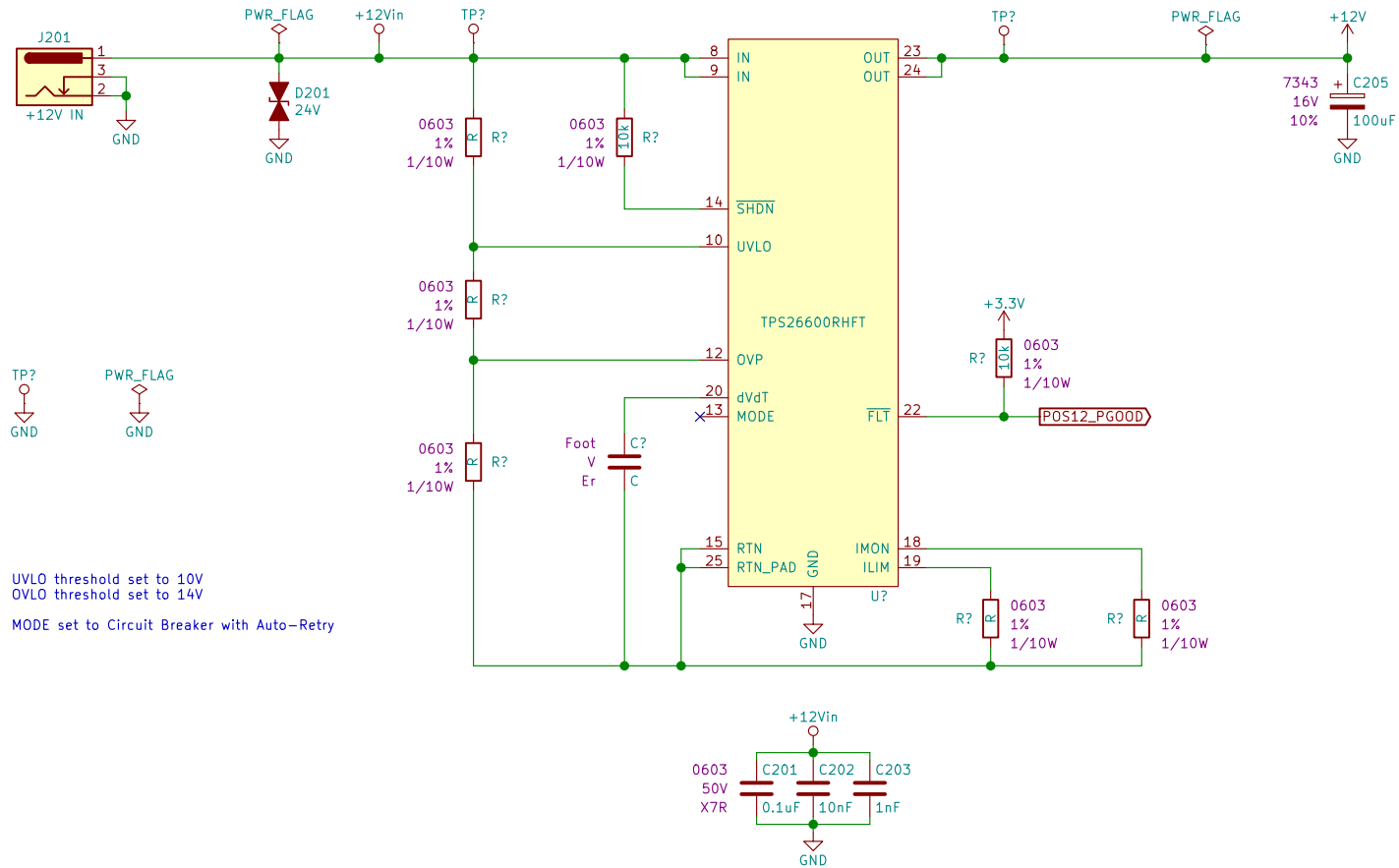
**Title: Incrementor**

Size: A Date: 2019-09-03

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**Rev: A**

Id: 1/20



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Sheet: /+12V Power Input/  
File: POS12\_Power\_Input.sch

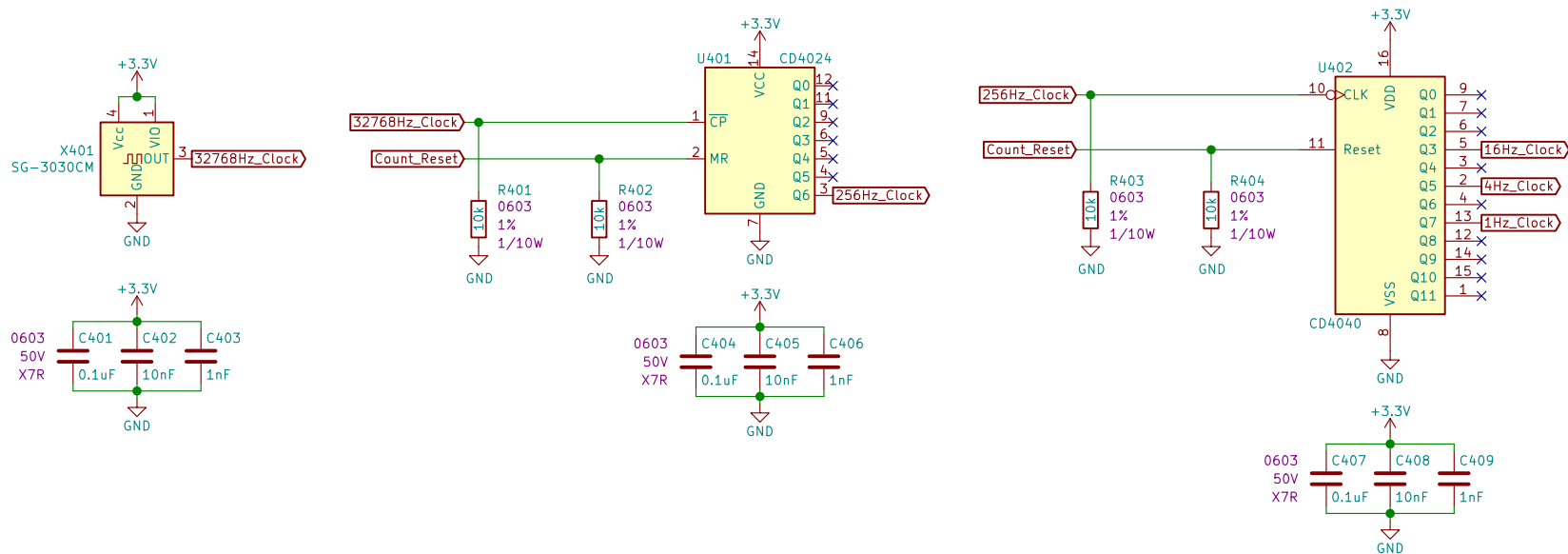
**Title: Incrementor**

Size: A Date: 2019-09-03  
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Rev: A  
Id: 2/20

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

Drew Maatman		
Sheet: /+3.3V Power Supply/		
File: POS3P3_Power_Supply.sch		
Title: Incrementor		
Size: A	Date: 2019-09-03	Rev: A
KiCad E.D.A. kicad (5.1.4)-1		Id: 3/20



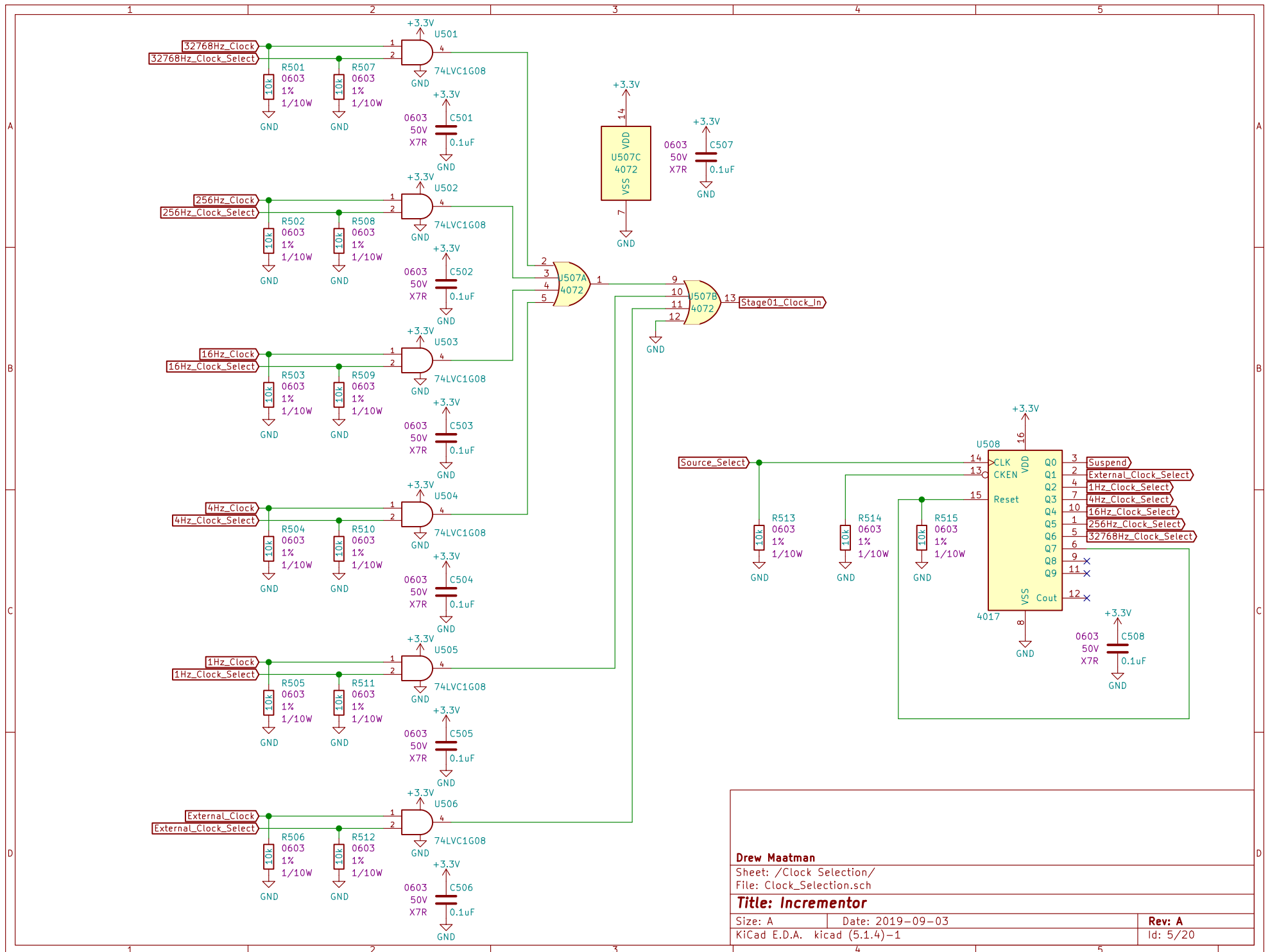
**Drew Maatman**

Sheet: /Oscillator/  
File: Oscillator.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
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**Rev: A**  
Id: 4/20



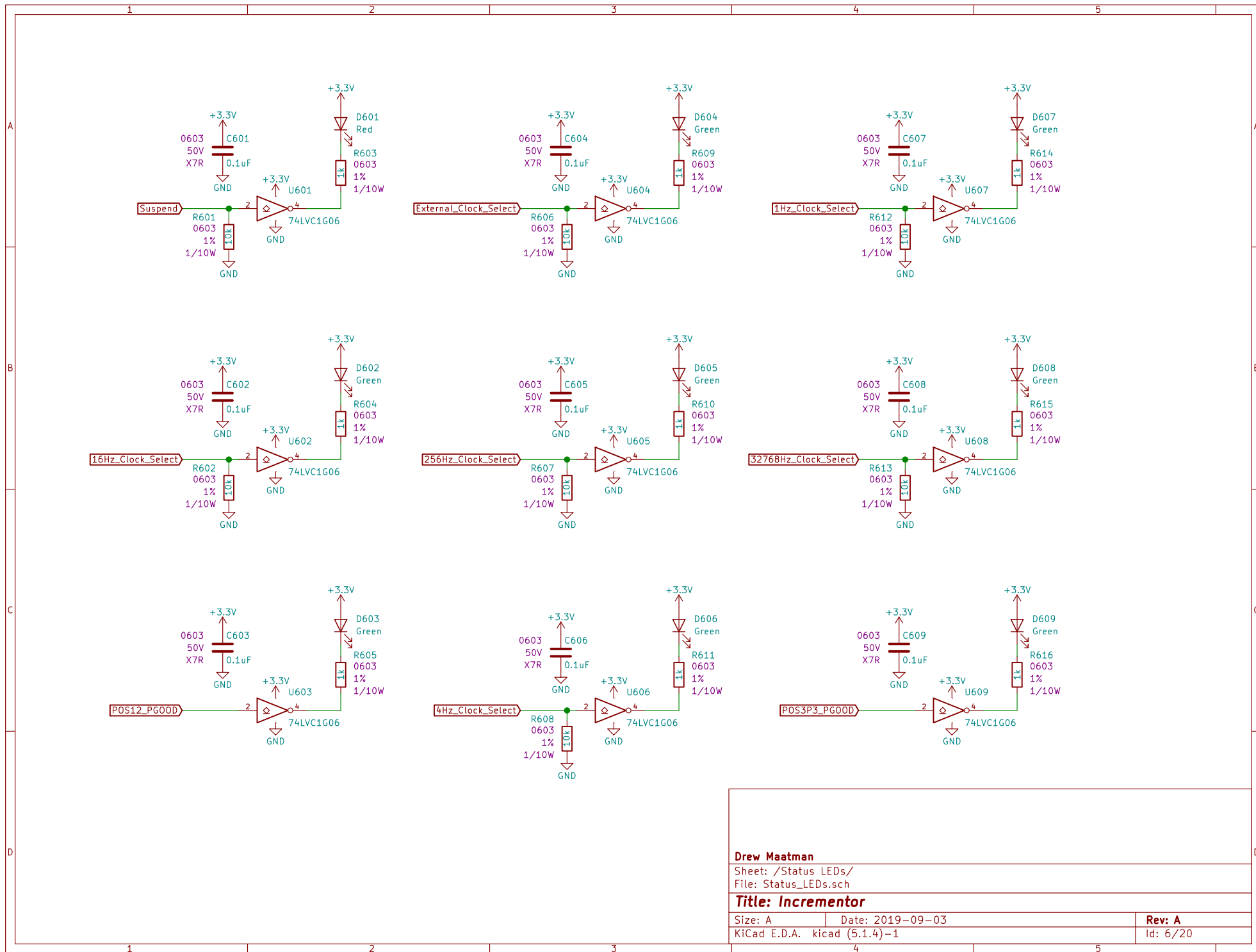
**Drew Maatman**

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

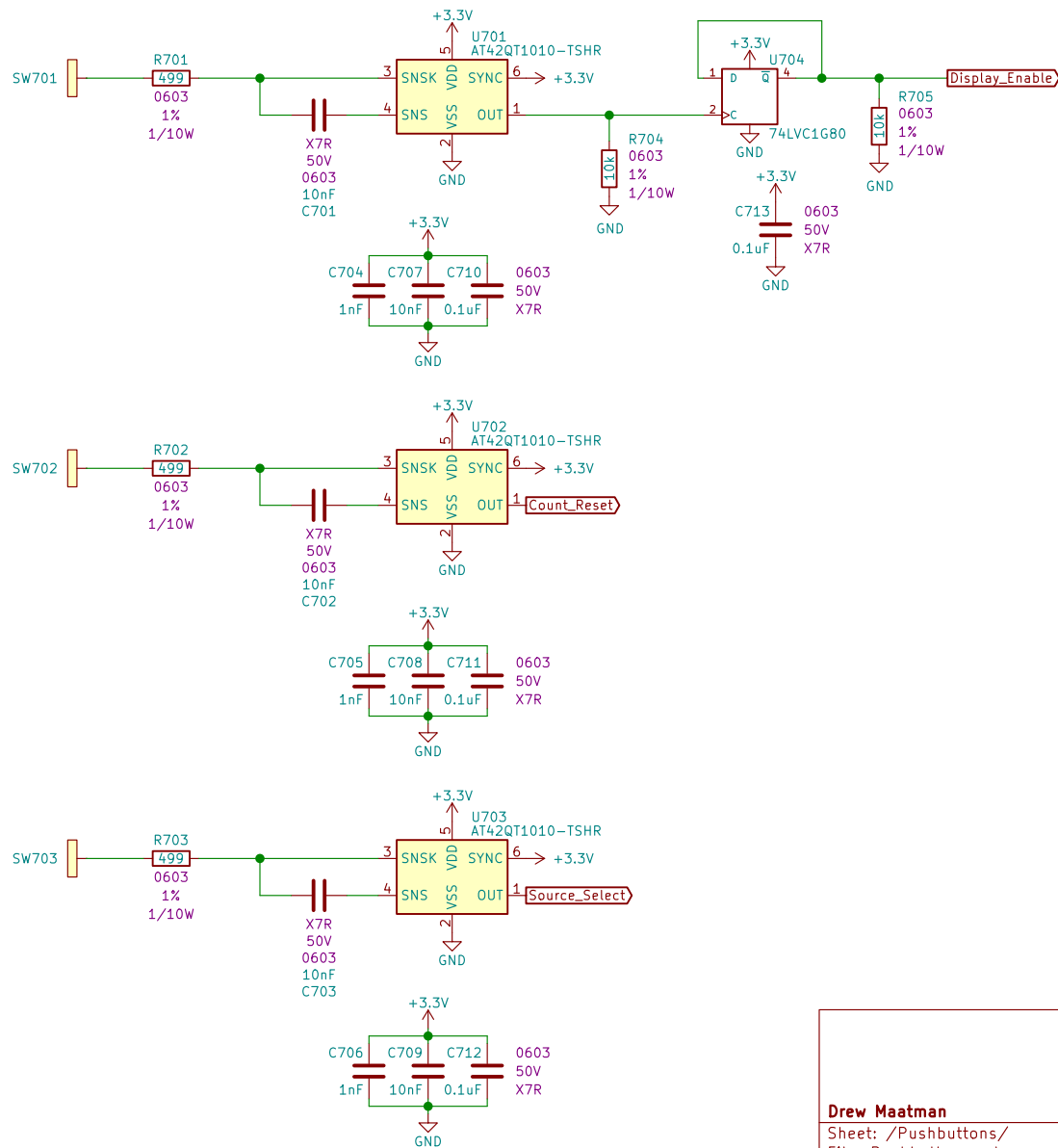
**Title: Incrementor**

Size: A Date: 2019-09-03  
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<b>Drew Maatman</b>	
Sheet: /Status_LEDs/ File: Status_LEDs.sch	
<b>Title: Incrementor</b>	
Size: A	Date: 2019-09-03
KiCad E.D.A. kicad (5.1.4)-1	Rev: A Id: 6/20



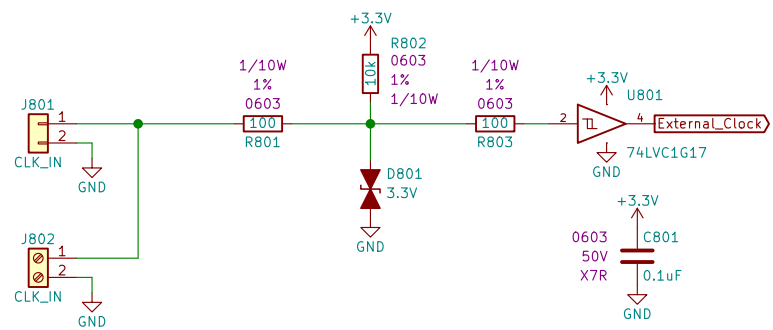
**Drew Maatman**

Sheet: /Pushbuttons/  
File: Pushbuttons.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
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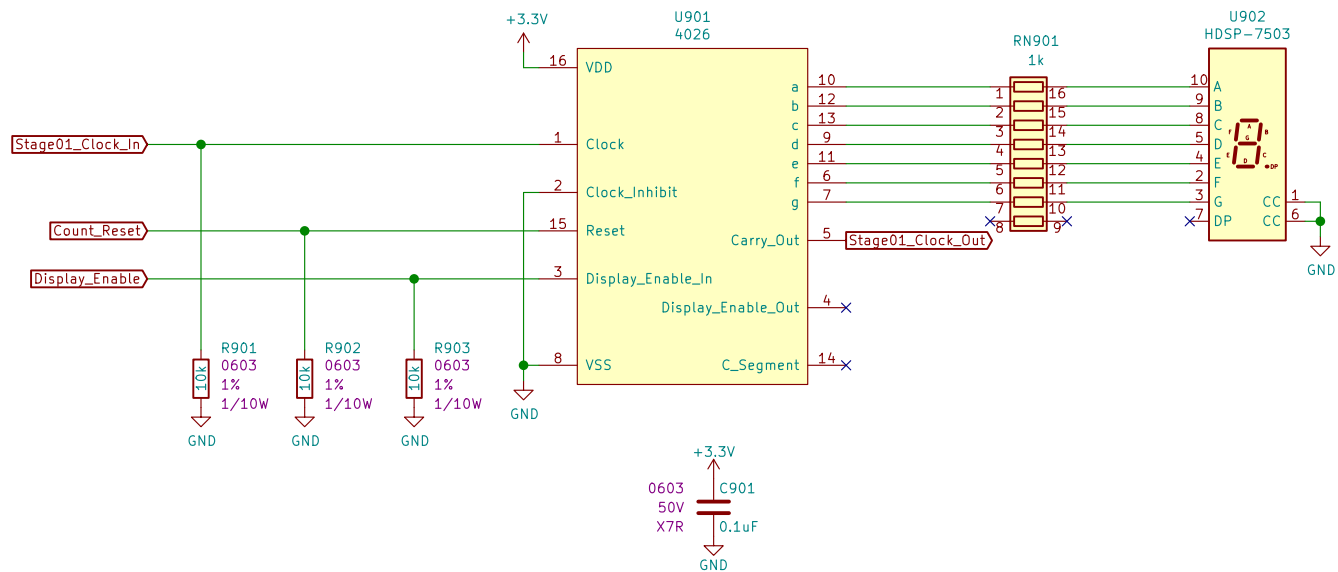
Sheet: /External Clock/  
File: External\_Clock.sch

**Title: Incrementor**

Size: A Date: 2019-09-03  
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Rev: A  
Id: 8/20





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Sheet: /Stage 01/

File: Stage\_01.sch

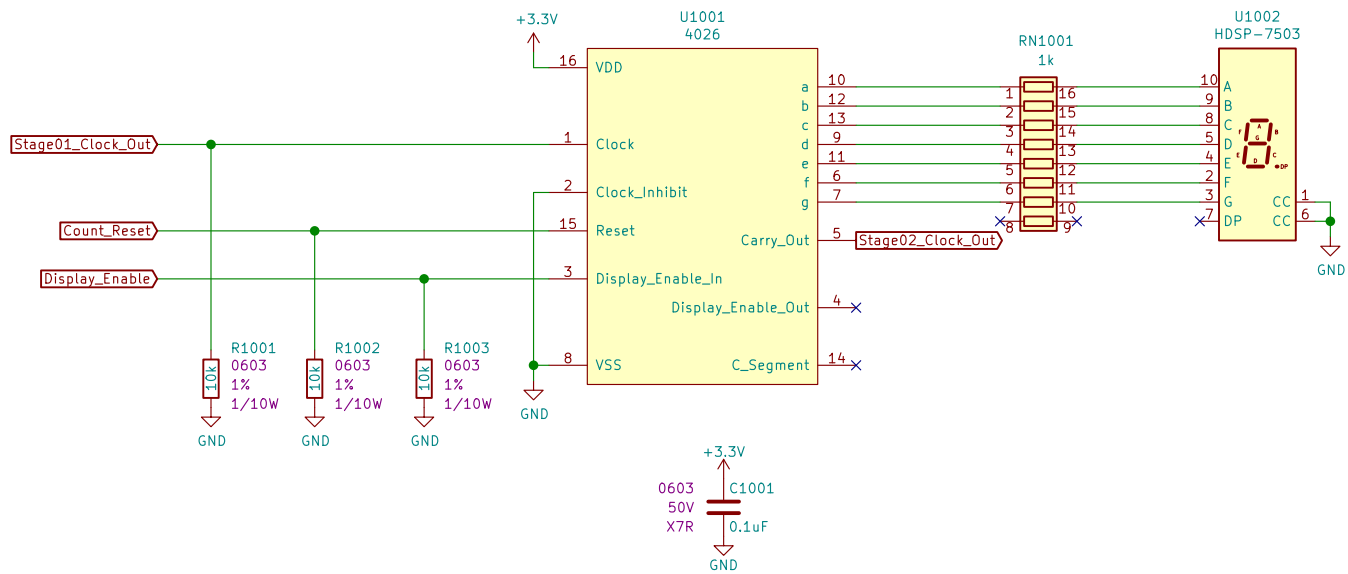
**Title: Incrementor**

Size: A Date: 2019-09-03

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

Rev: A

Id: 9/20



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Sheet: /Stage 02/

File: Stage\_02.sch

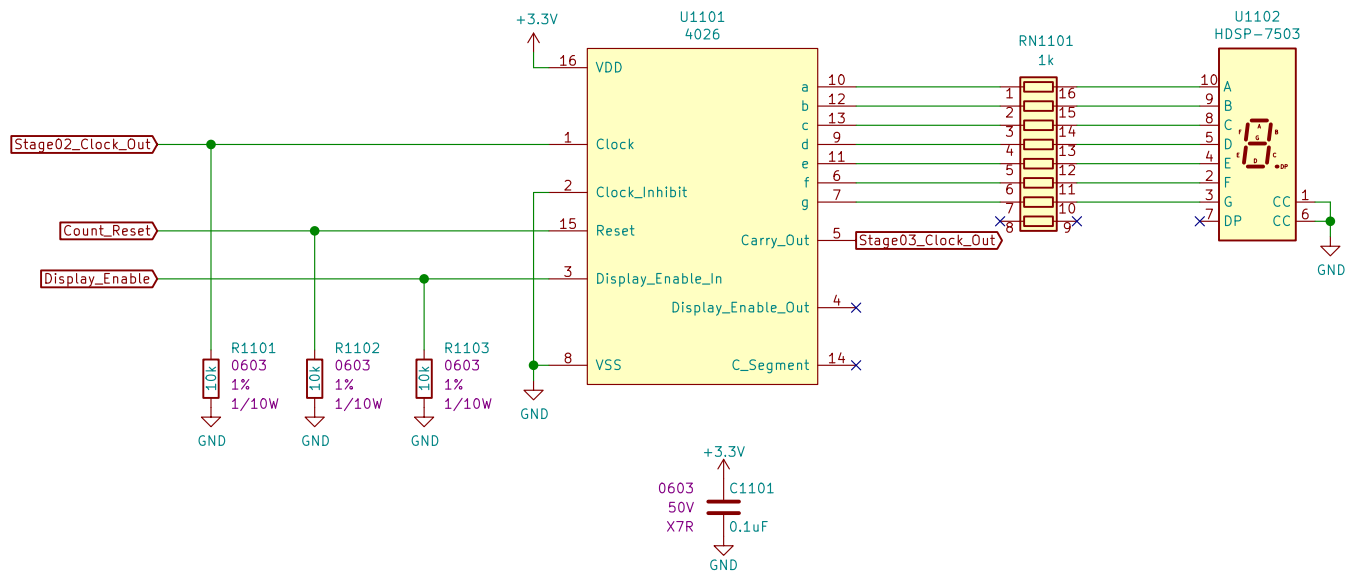
**Title: Incrementor**

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

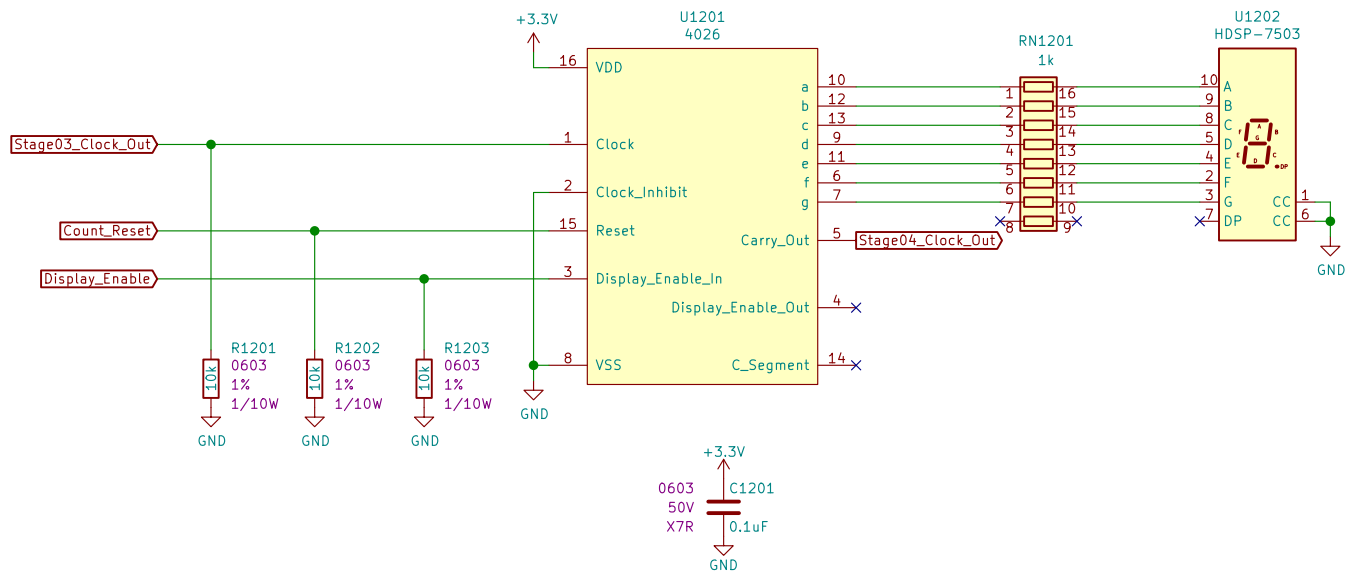
**Title: Incrementor**

Size: A Date: 2019-09-03

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Rev: A

Id: 11/20



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Sheet: /Stage 04/

File: Stage\_04.sch

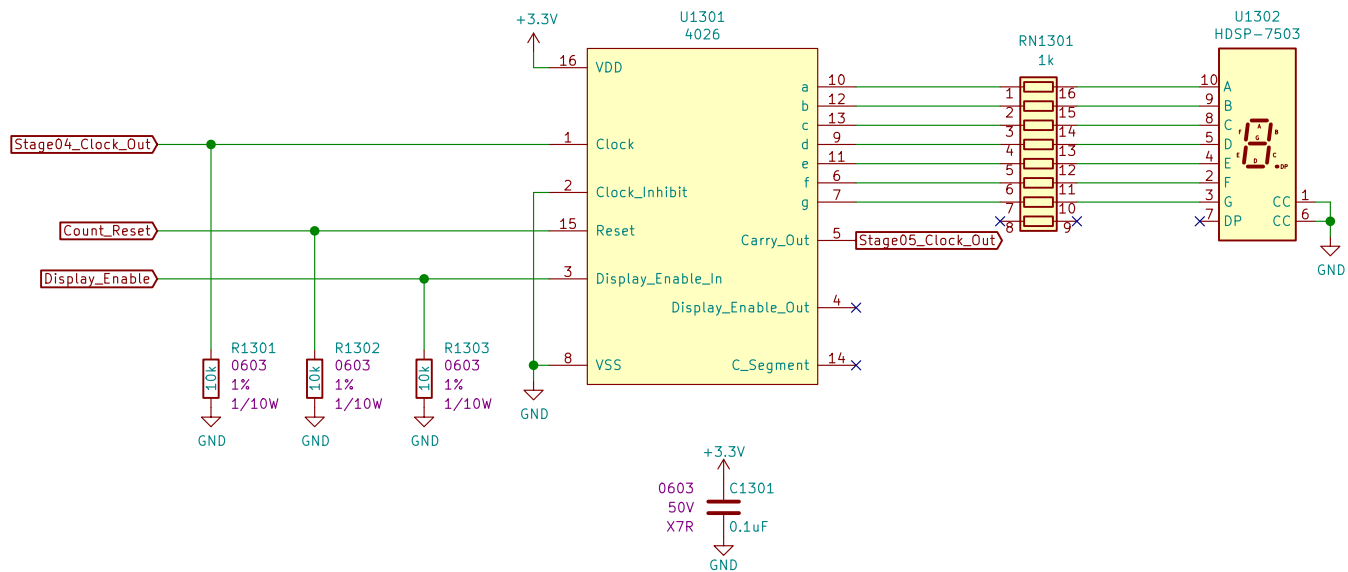
**Title: Incrementor**

Size: A Date: 2019-09-03

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

Rev: A

Id: 12/20



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Sheet: /Stage 05/

File: Stage\_05.sch

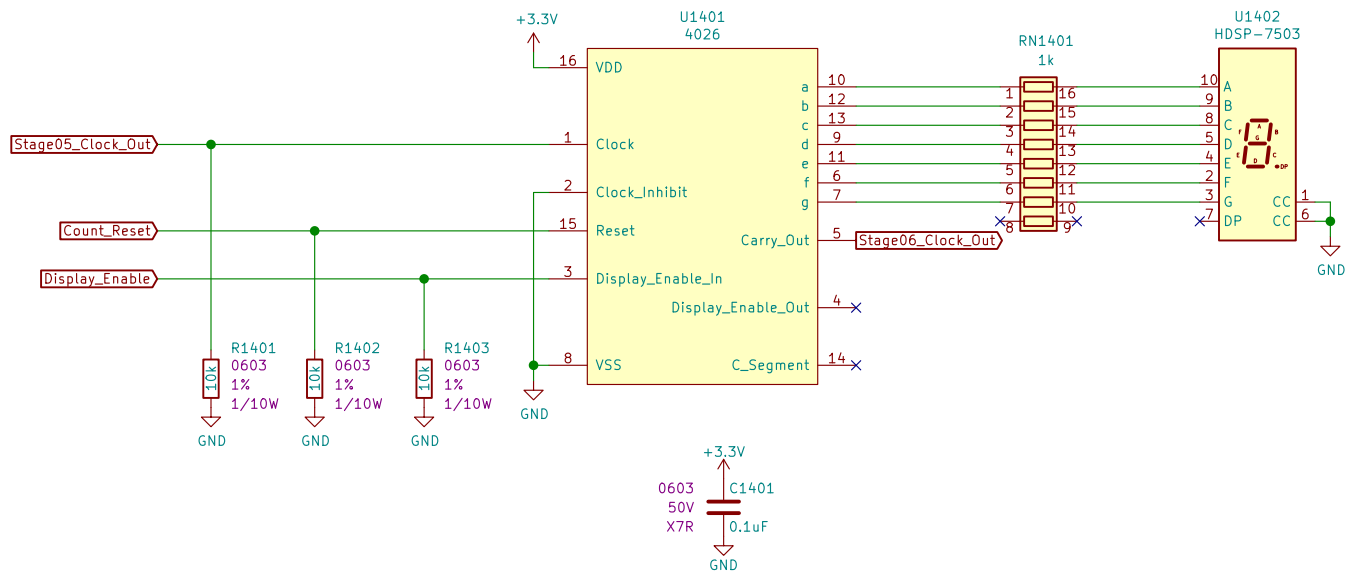
**Title: Incrementor**

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

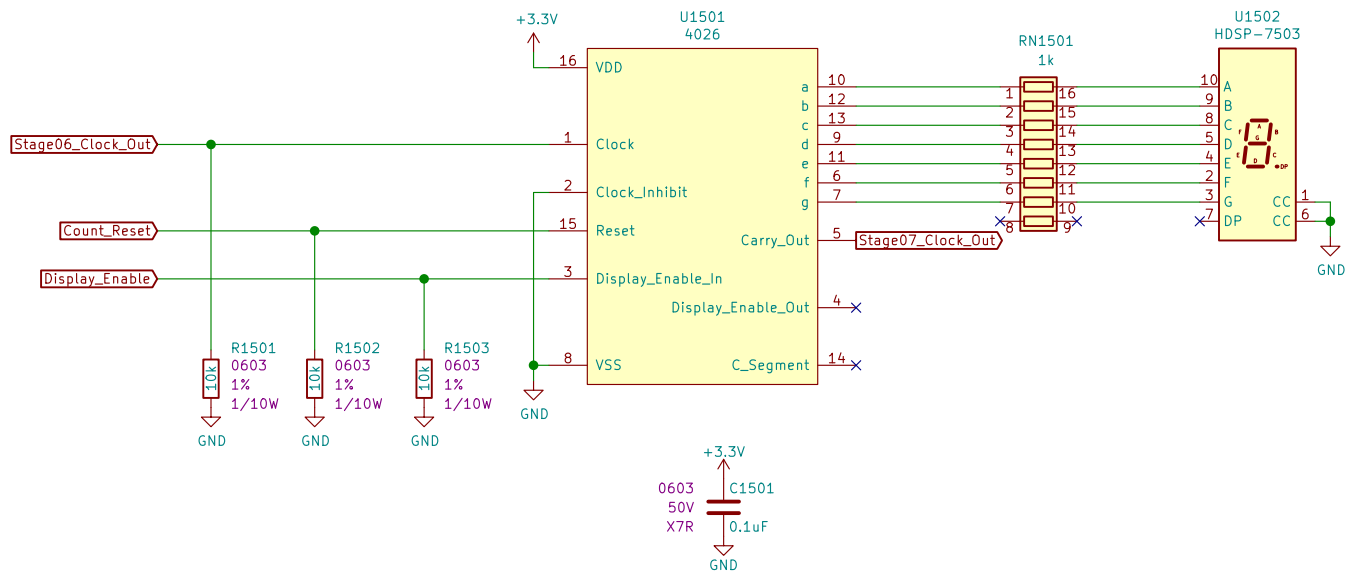
**Title: Incrementor**

Size: A Date: 2019-09-03

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Rev: A

Id: 14/20



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Sheet: /Stage 07/

File: Stage\_07.sch

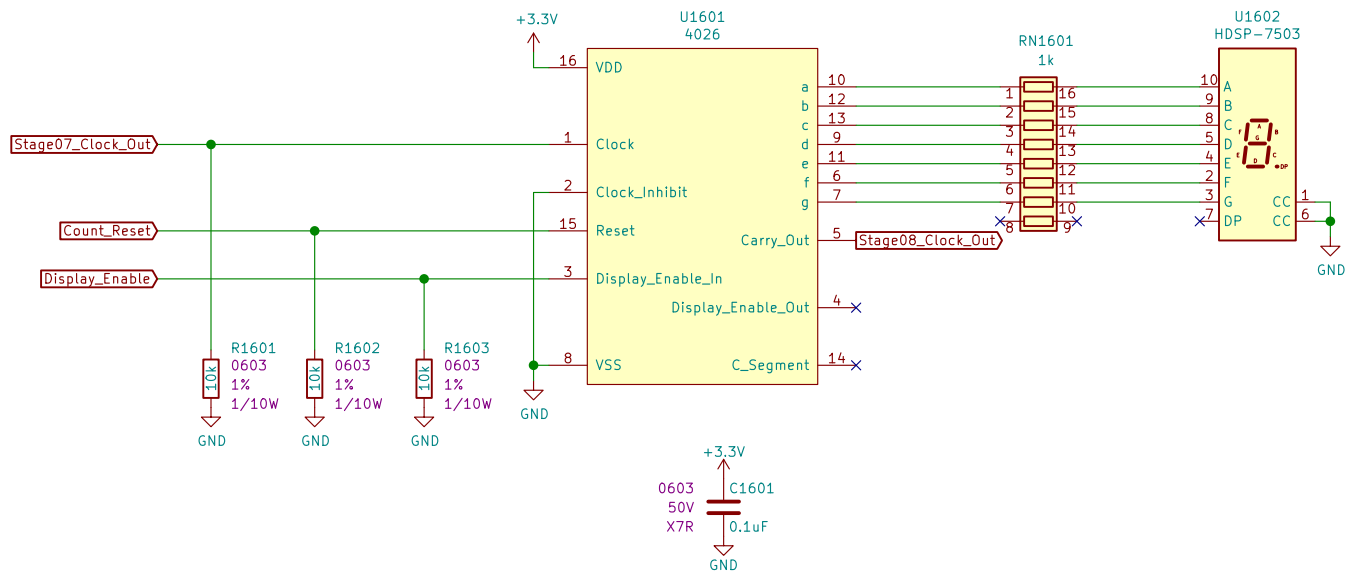
**Title: Incrementor**

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**

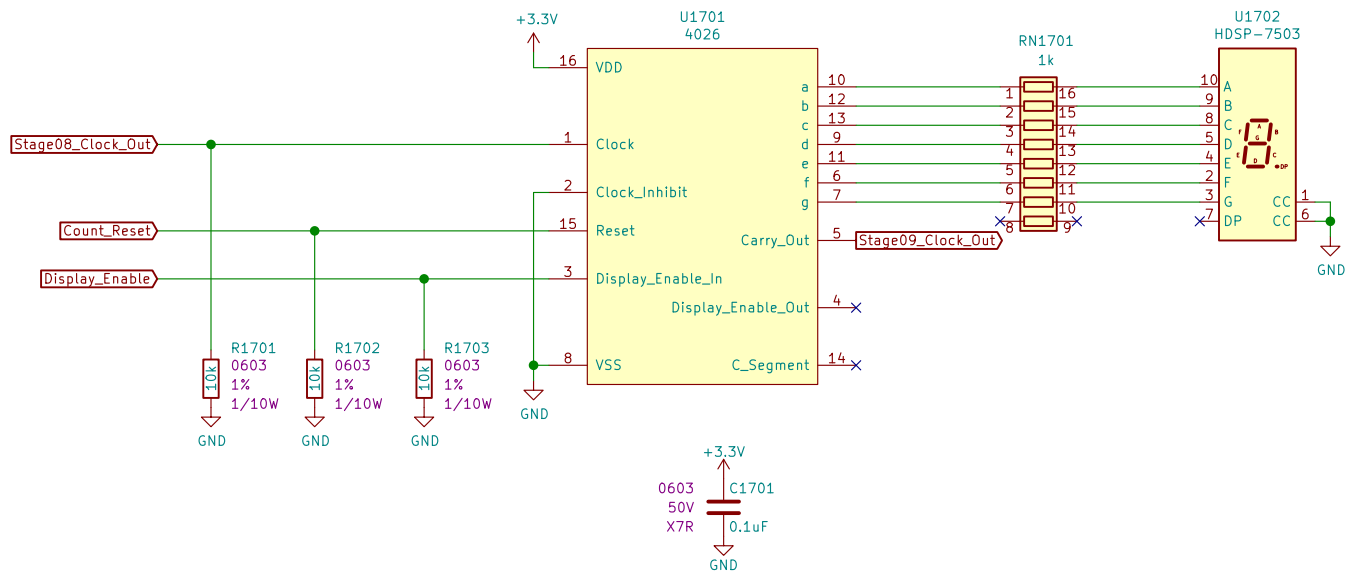
Size: A Date: 2019-09-03

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

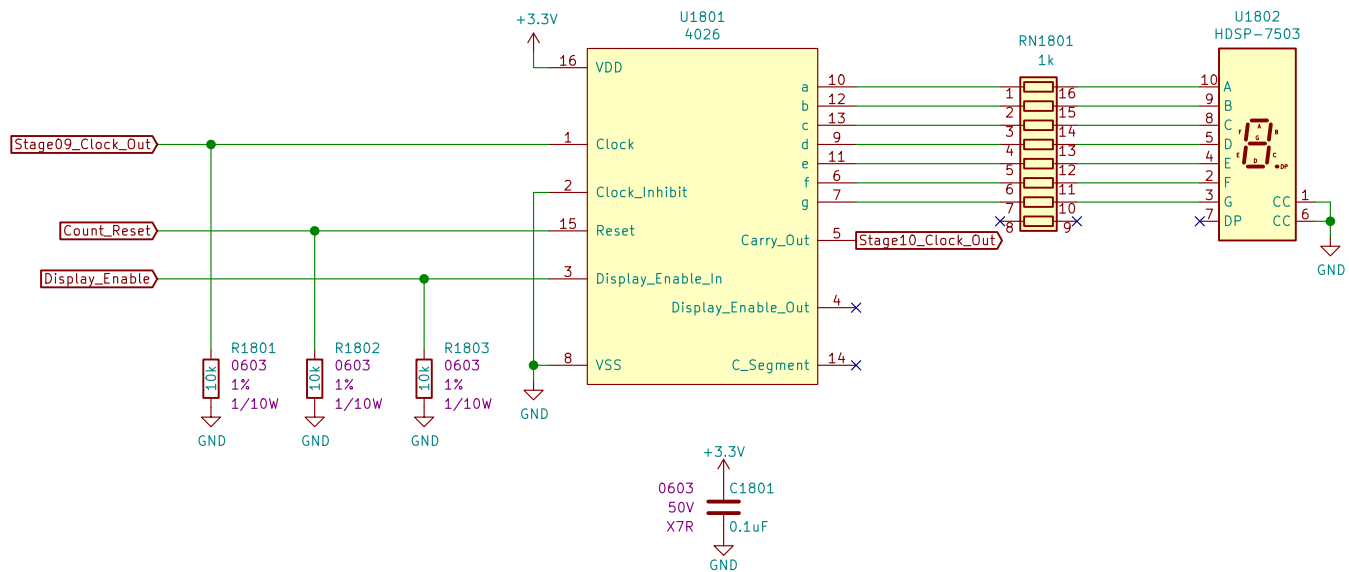
**Title: Incrementor**

Size: A Date: 2019-09-03

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

Rev: A

Id: 17/20



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Sheet: /Stage 10/

File: Stage\_10.sch

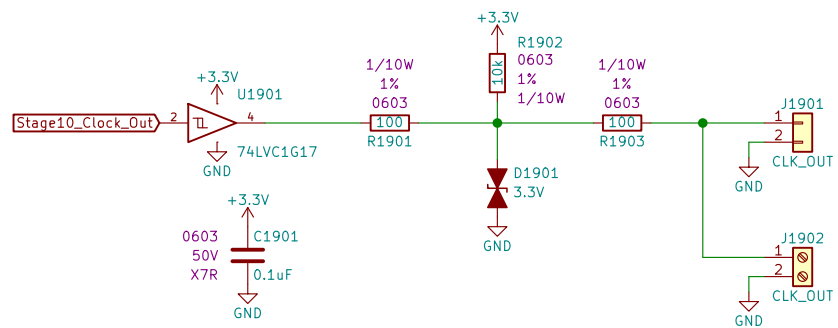
**Title: Incrementor**

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

