

	1	2	3	4	5	
A		Sheet: IO_Connectors File: IO_Connectors.sch		Sheet: Segment S File: Segment_S.sch		A
		Sheet: PIC18F Programming File: PIC18F_Programming.sch		Sheet: Segment T File: Segment_T.sch		
		Sheet: PIC18F File: PIC18F.sch		Sheet: Segment U File: Segment_U.sch		
		Sheet: Serial Transcievers File: Serial_Transcievers.sch		Sheet: Segment DP File: Segment_DP.sch		
B		Sheet: LED Drivers File: LED_Drivers.sch		Sheet: Telemetry File: Telemetry.sch		B
		Sheet: Segment A File: Segment_A.sch		Sheet: Time of Flight File: Time_of_Flight.sch		
		Sheet: Segment B File: Segment_B.sch		Sheet: Serial Number File: Serial_Number.sch		
		Sheet: Segment C File: Segment_C.sch		Sheet: Status LEDs File: Status_LEDs.sch		
		Sheet: Segment D File: Segment_D.sch				
		Sheet: Segment E File: Segment_E.sch				
		Sheet: Segment F File: Segment_F.sch				
C		Sheet: Segment G File: Segment_G.sch				C
		Sheet: Segment H File: Segment_H.sch				
		Sheet: Segment K File: Segment_K.sch				
		Sheet: Segment M File: Segment_M.sch				
		Sheet: Segment N File: Segment_N.sch				
		Sheet: Segment P File: Segment_P.sch				
D		Sheet: Segment R File: Segment_R.sch				D
	1	2	3	4	5	

ADD MECH

Sheet: /		
File: multidrop_display_board.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)–1		Id: 1/27

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

Sheet: /IO Connectors/  
File: IO\_Connectors.sch

Title:

Size: A

Date:

KiCad E.D.A.    kicad (5.1.4)–1

Rev:

Id: 2/27

Sheet: /IO Connectors/ File: IO_Connectors.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 2/27

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

Sheet: /PIC18F Programming/  
File: PIC18F\_Programming.sch

Title:

Size: A

Date:

KiCad E.D.A.    kicad (5.1.4)–1

Rev:

Id: 3/27

Sheet: /PIC18F Programming/ File: PIC18F_Programming.sch																								
Title:																								
Size: A					Date:															Rev:				
KiCad E.D.A. kicad (5.1.4)-1					Id: 3/27																			

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

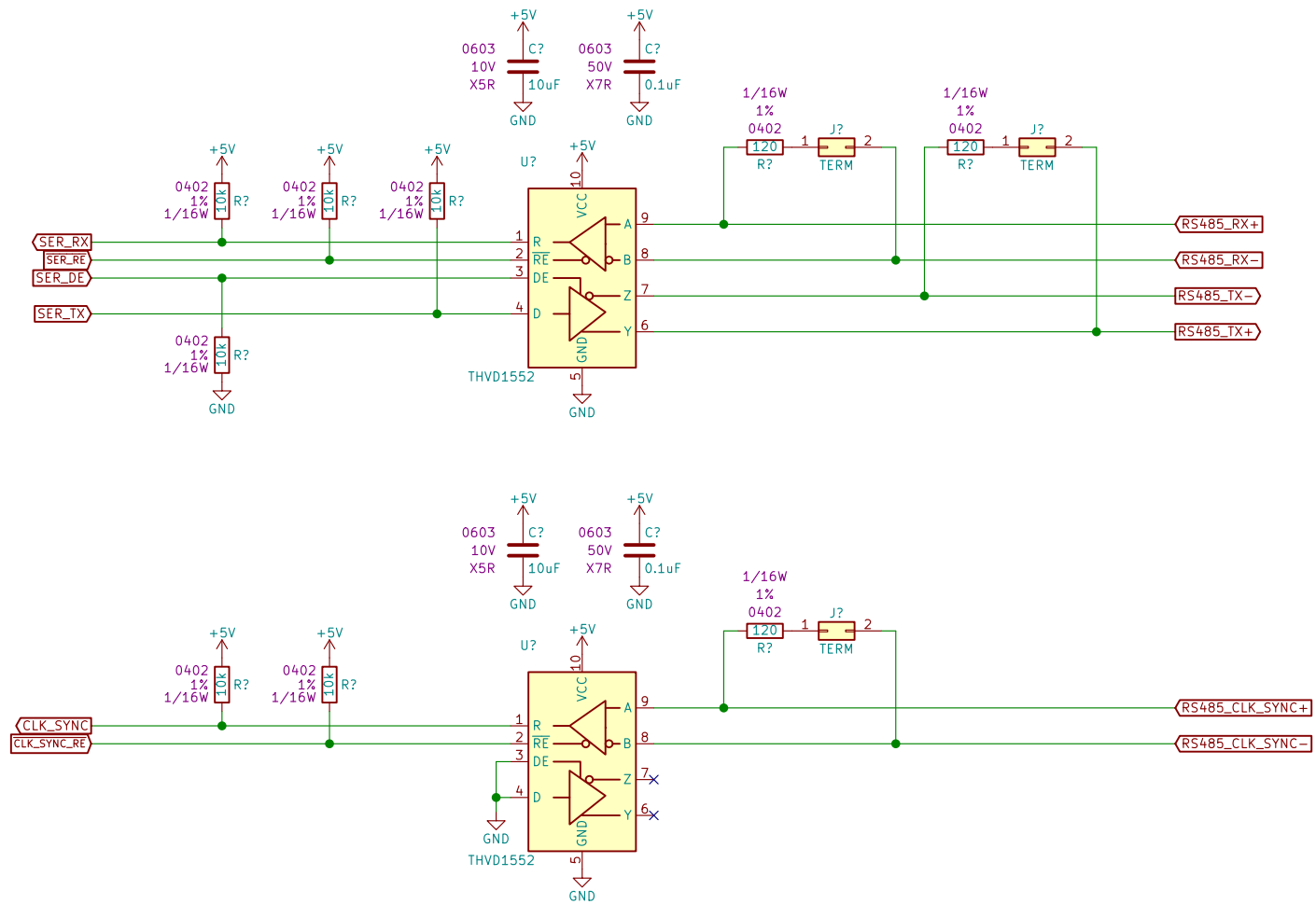
Sheet: /PIC18F/  
File: PIC18F.sch

Title:

Size: ADate:KICad E.D.A. kicad (5.1.4)–1

Rev:Id: 4/27

Sheet: /PIC18F/		
File: PIC18F.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 4/27



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

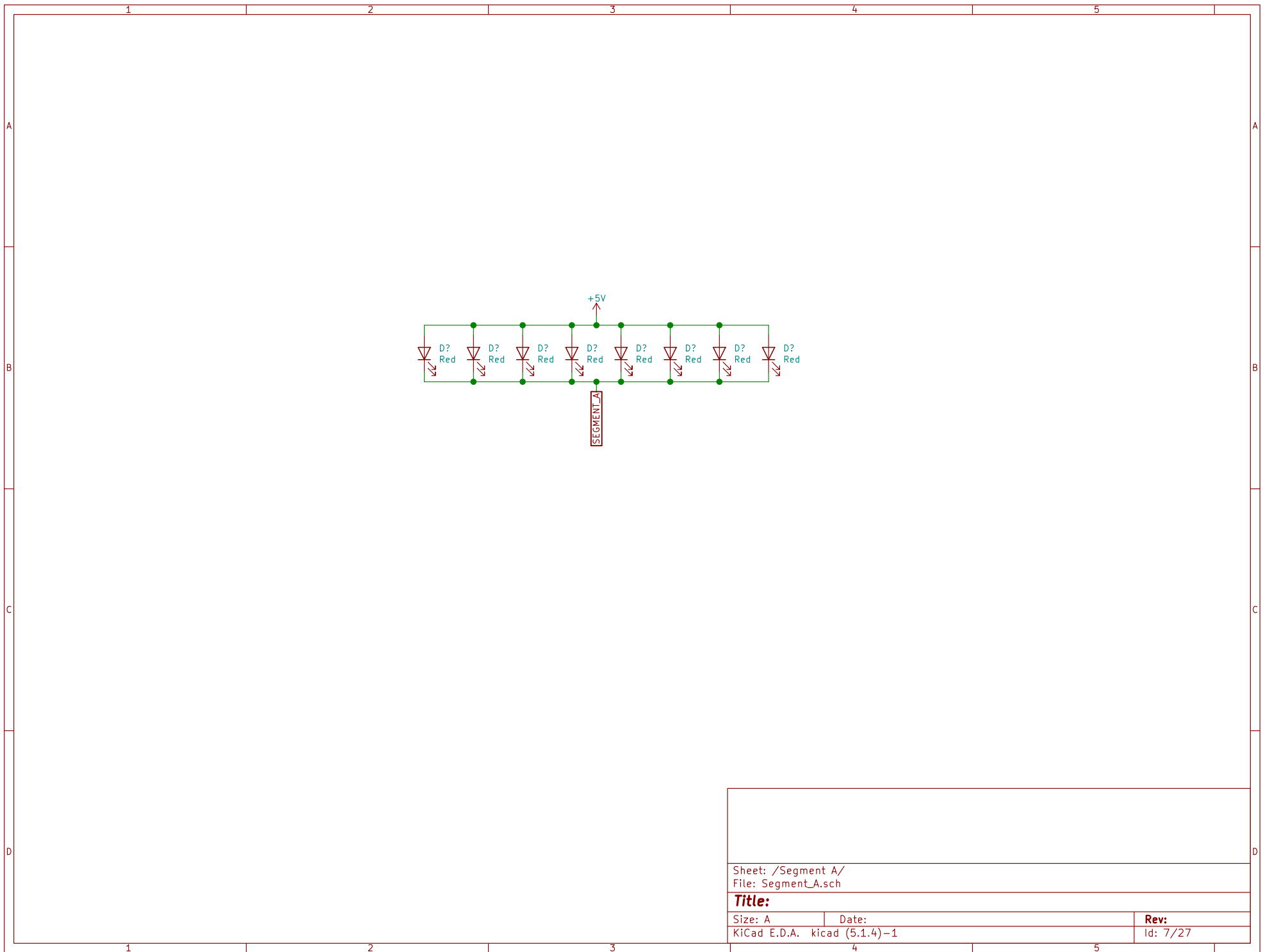
Sheet: /LED Drivers/  
File: LED\_Drivers.sch

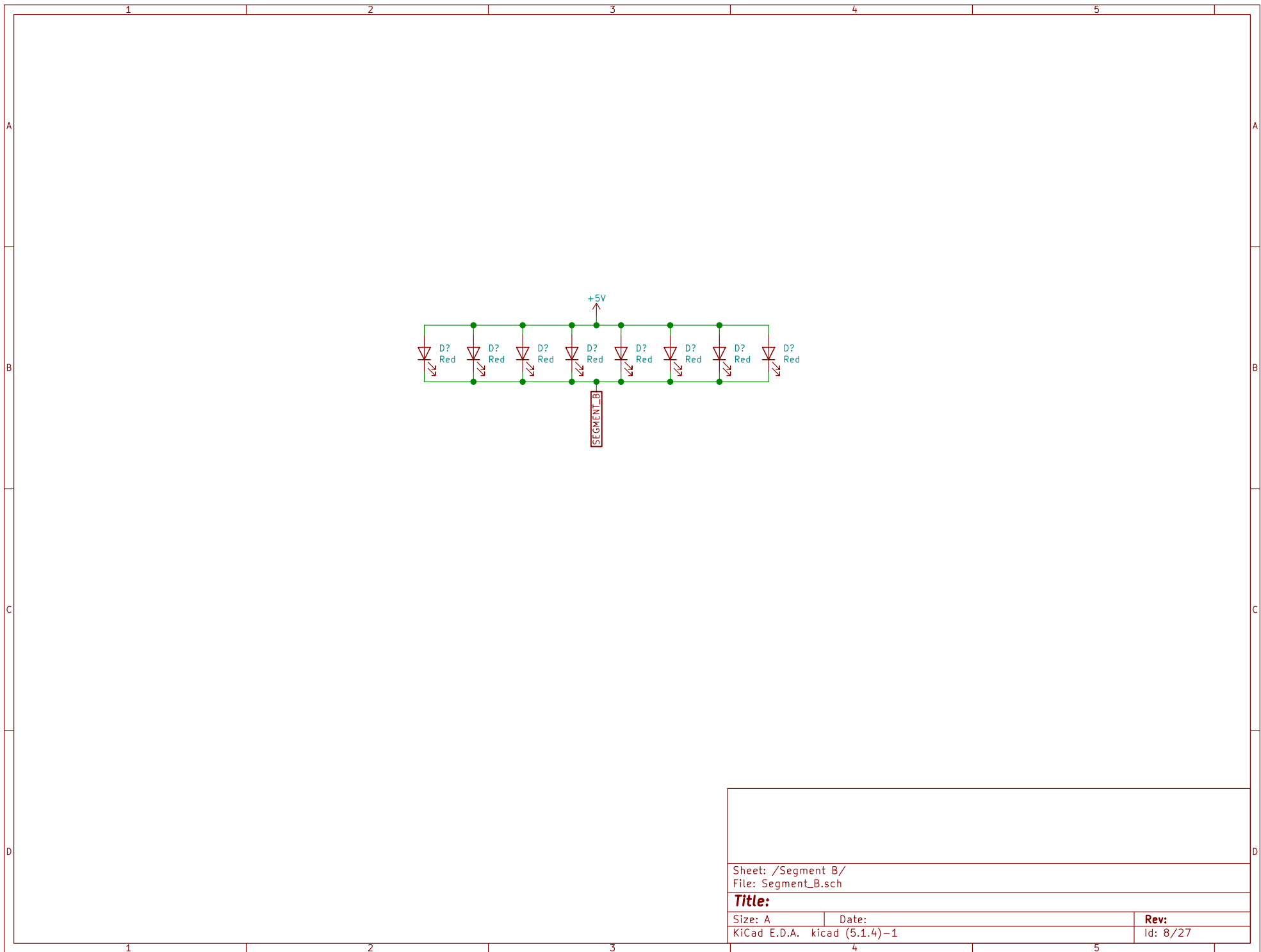
Title:

Size: ADate:KICad E.D.A. kicad (5.1.4)–1

Rev:Id: 6/27

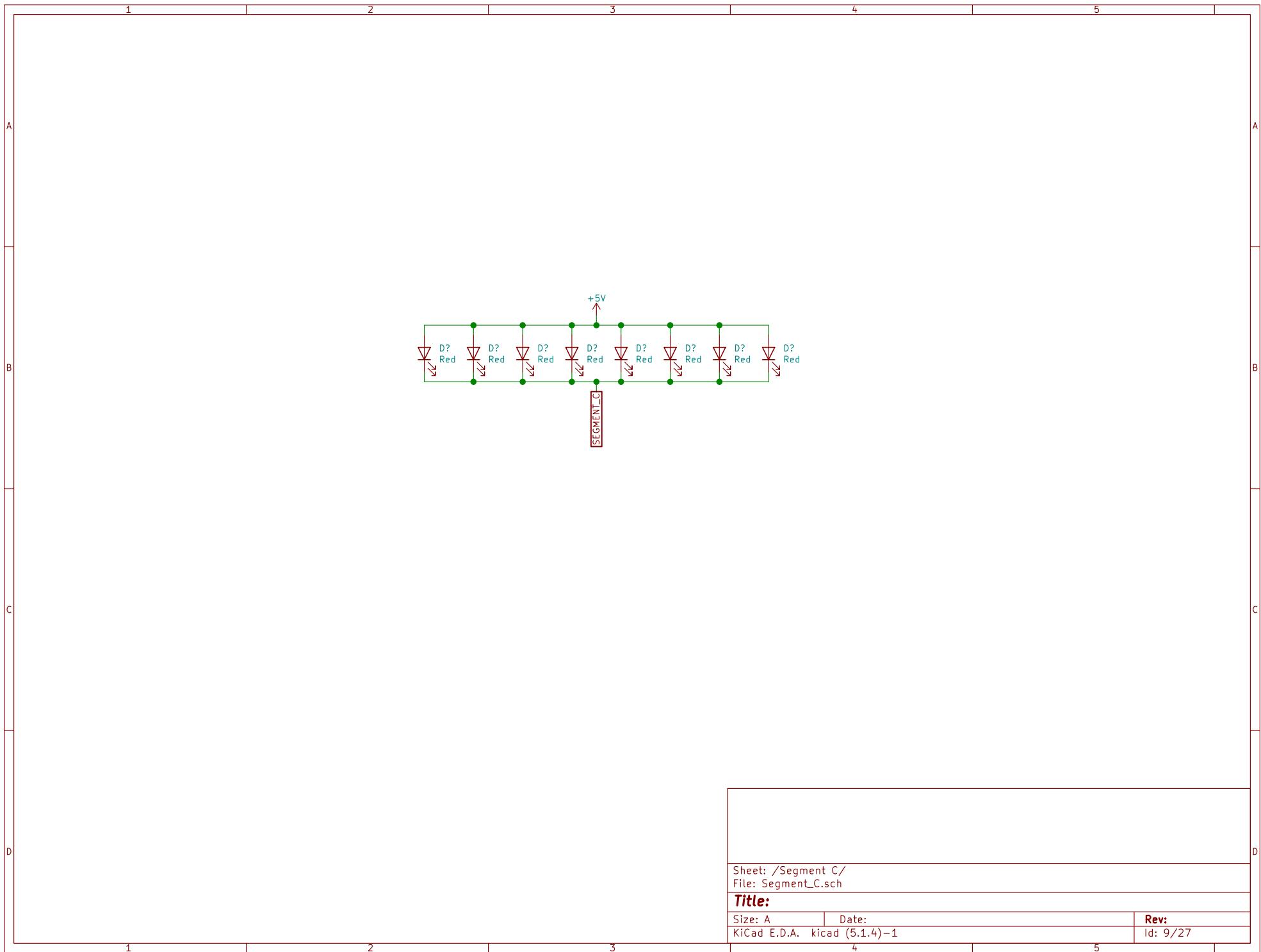
Sheet: /LED Drivers/ File: LED_Drivers.sch																								
Title:																								
Size: A					Date:															Rev:				
KiCad E.D.A. kicad (5.1.4)-1					Id: 6/27																			

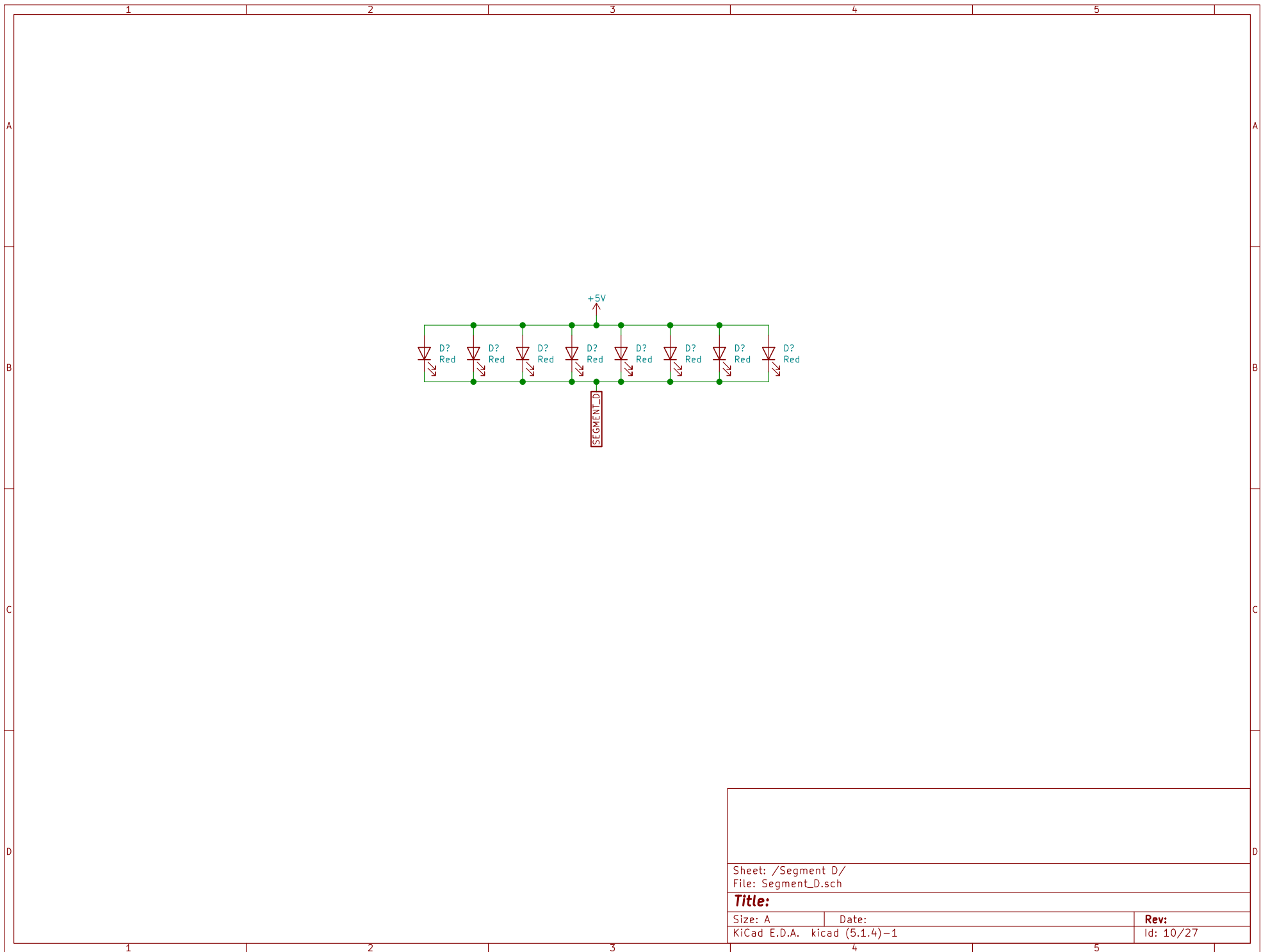




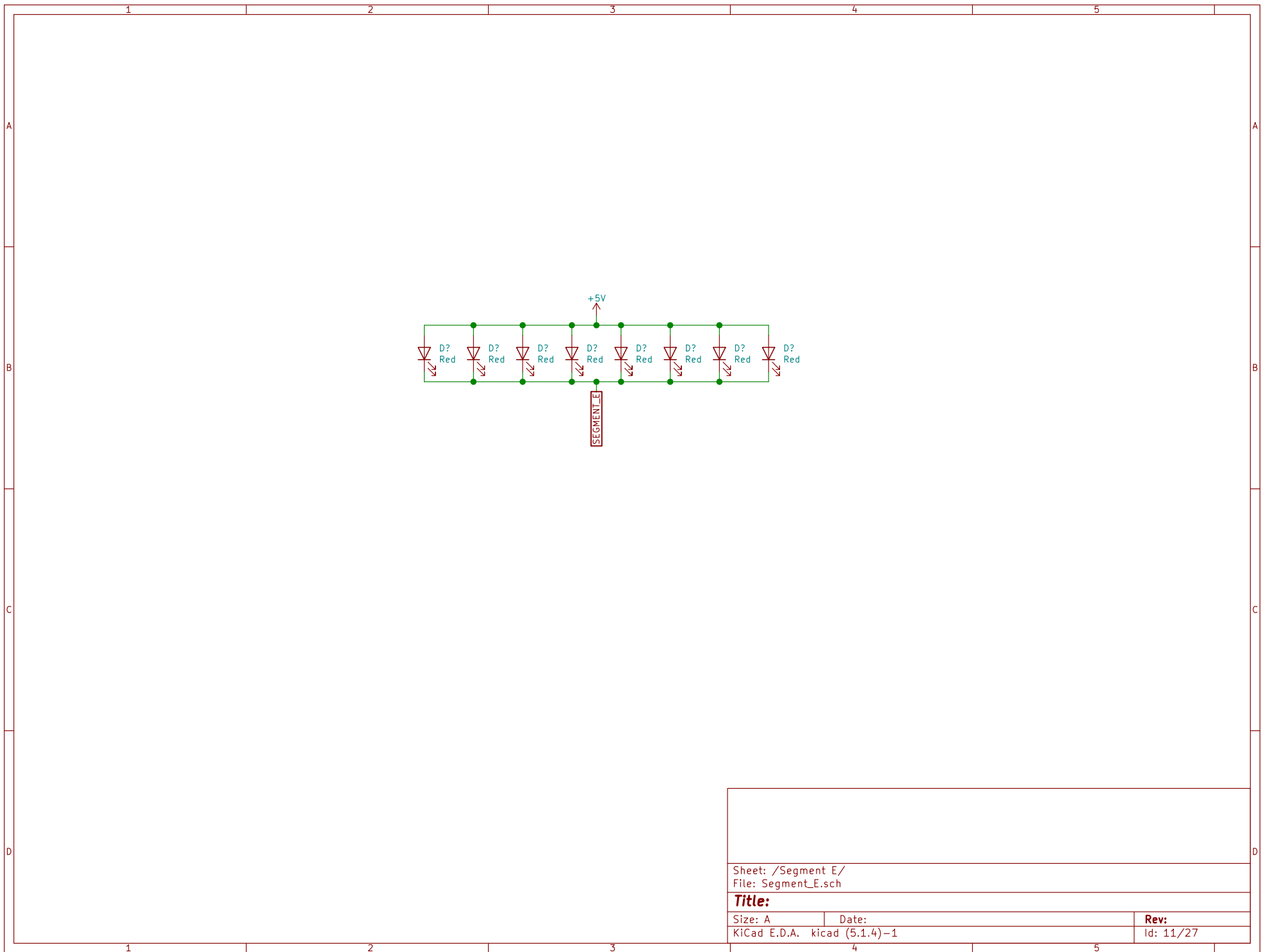
Sheet: /Segment B/ File: Segment_B.sch		
<b>Title:</b>		
Size: A	Date:	<b>Rev:</b>
KiCad E.D.A. kicad (5.1.4)-1		Id: 8/27



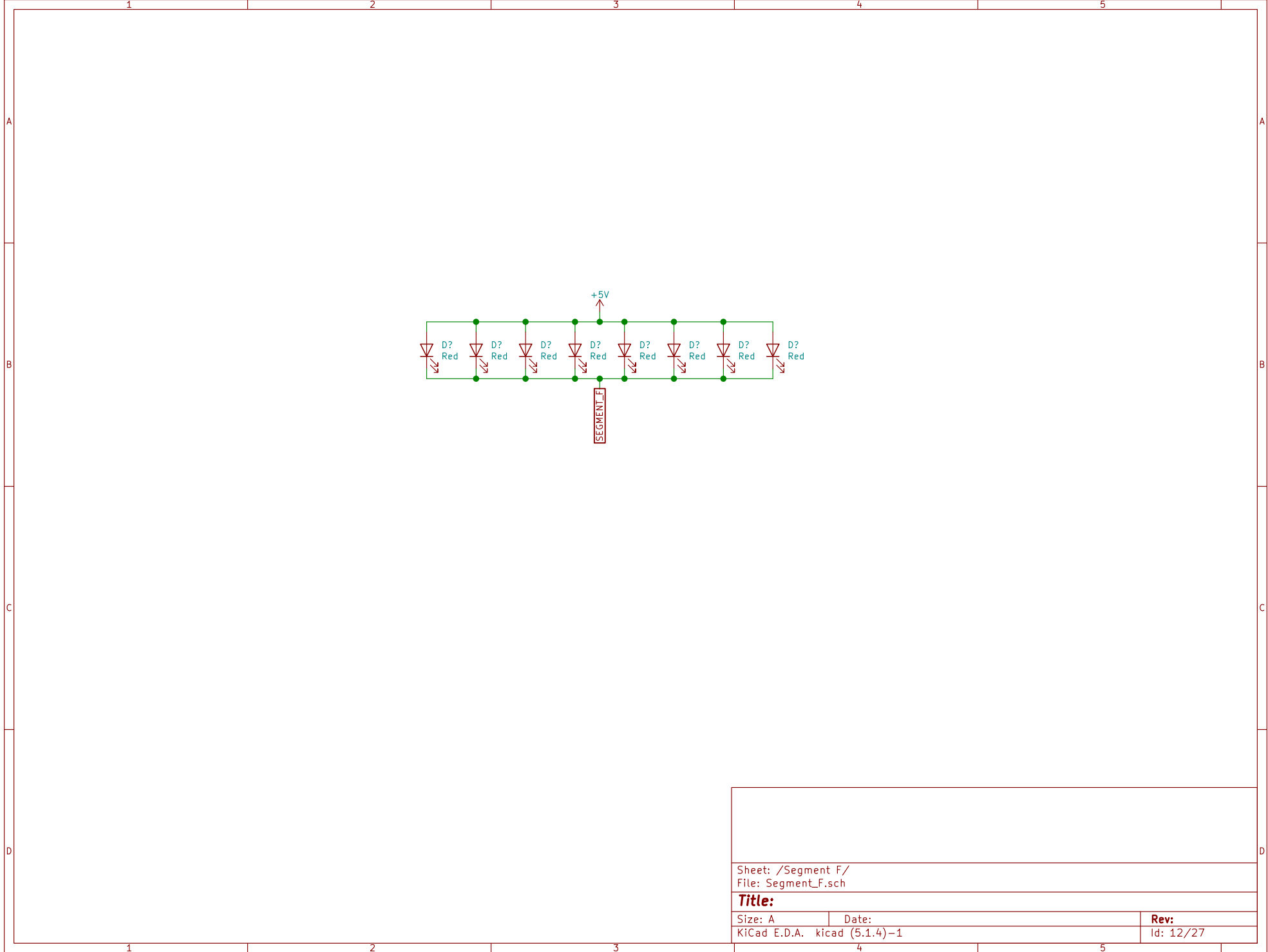


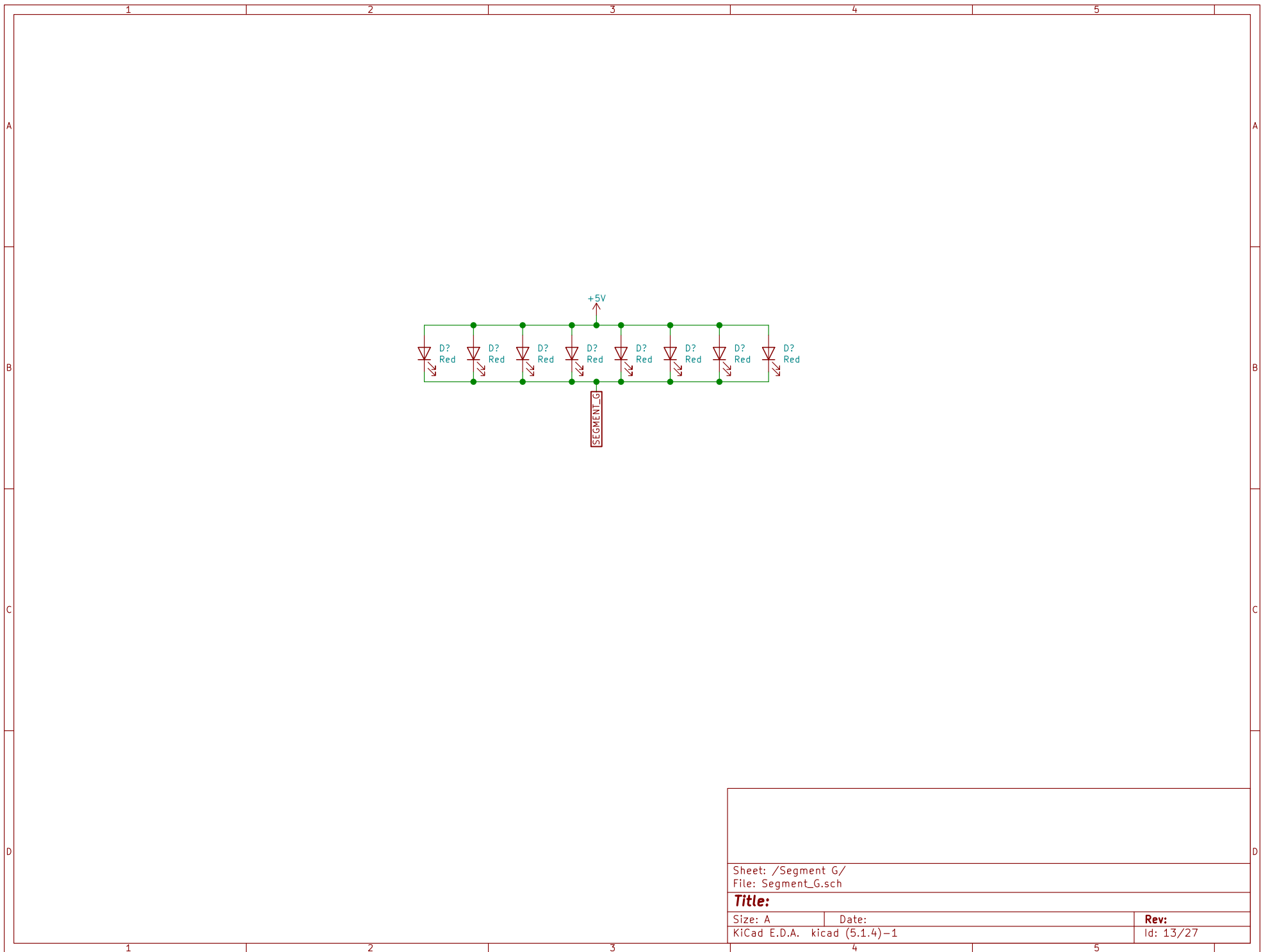


Sheet: /Segment D/ File: Segment_D.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 10/27

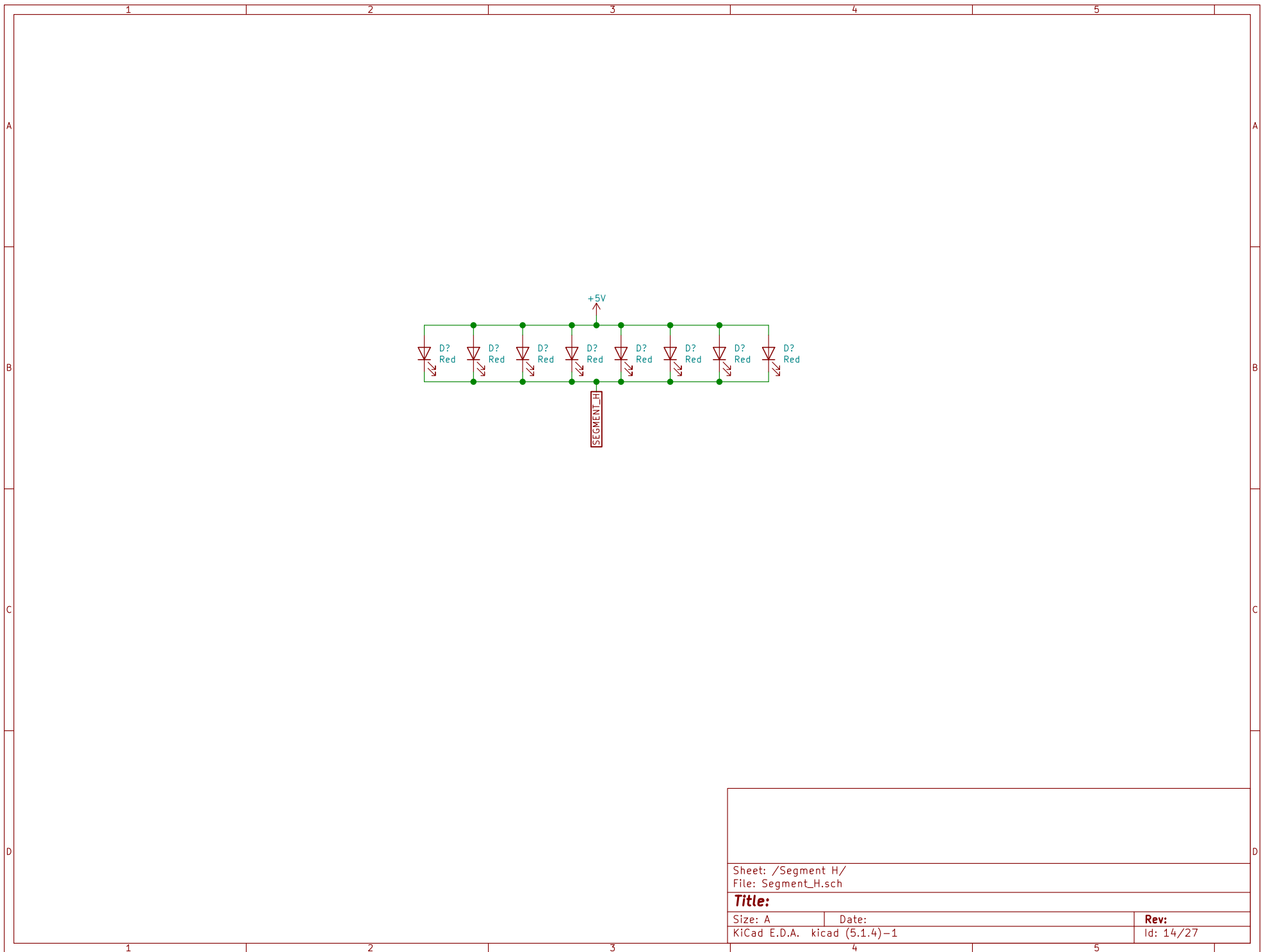


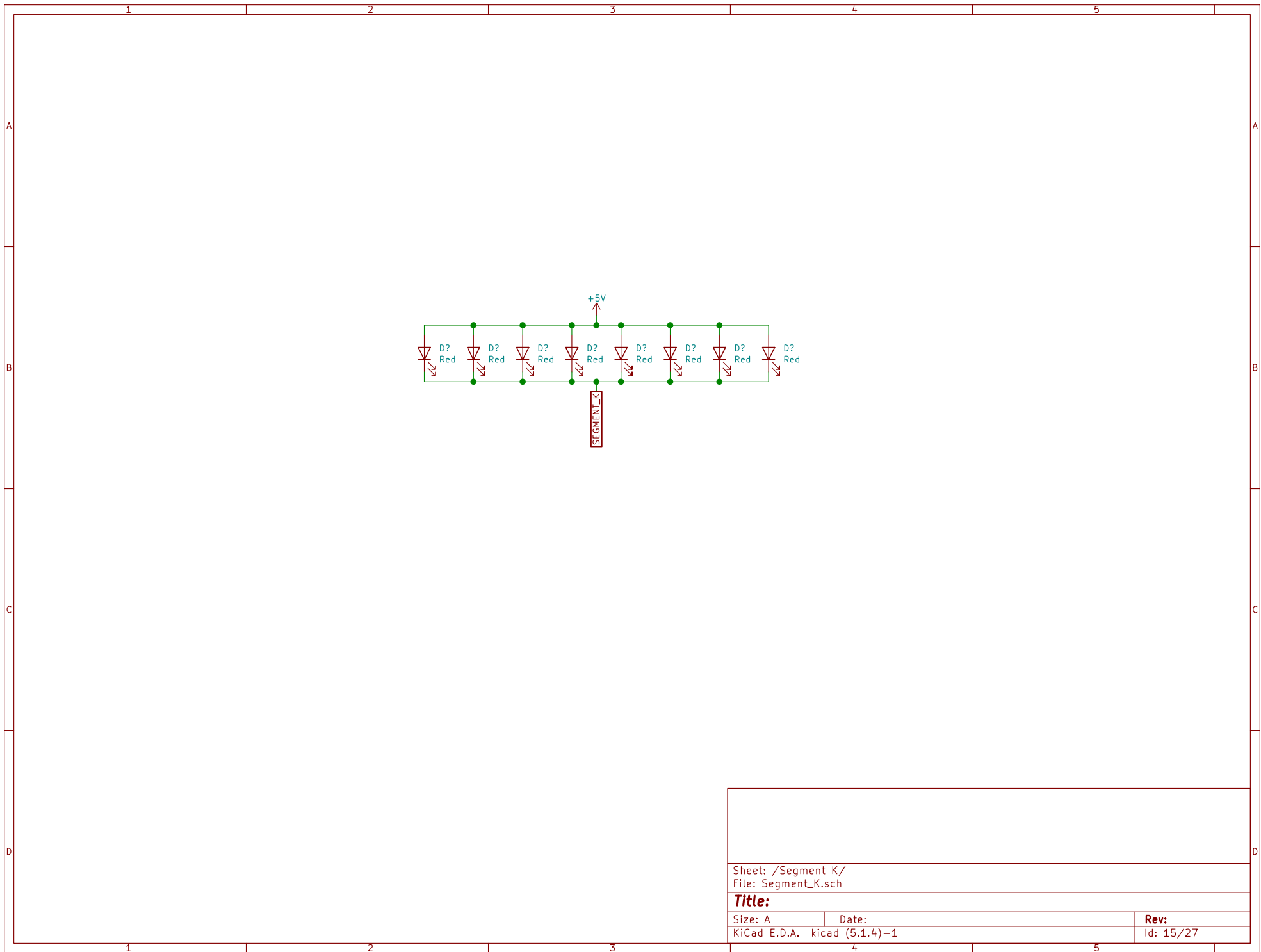
Sheet: /Segment E/ File: Segment_E.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 11/27



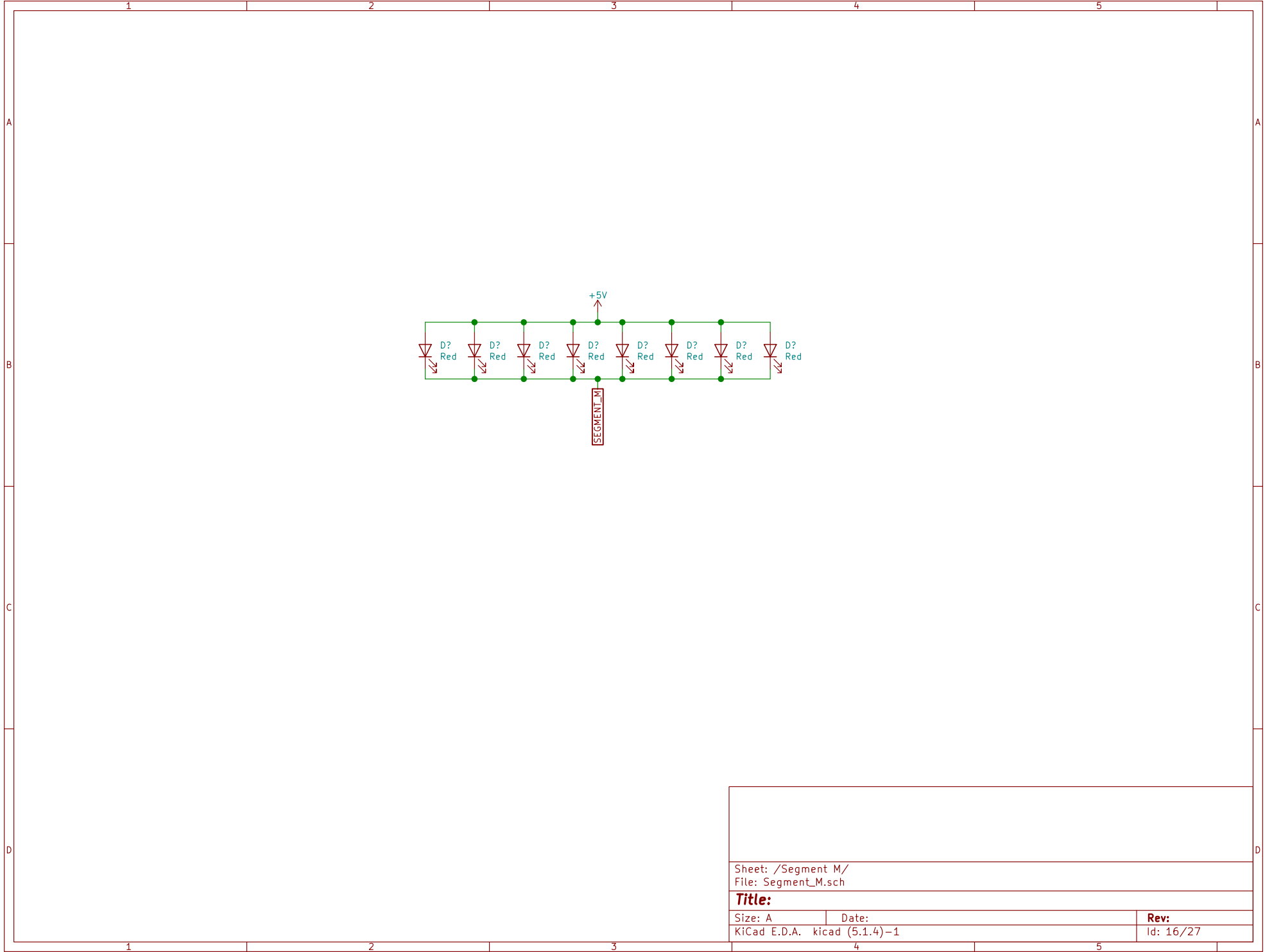


Sheet: /Segment G/ File: Segment_G.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 13/27

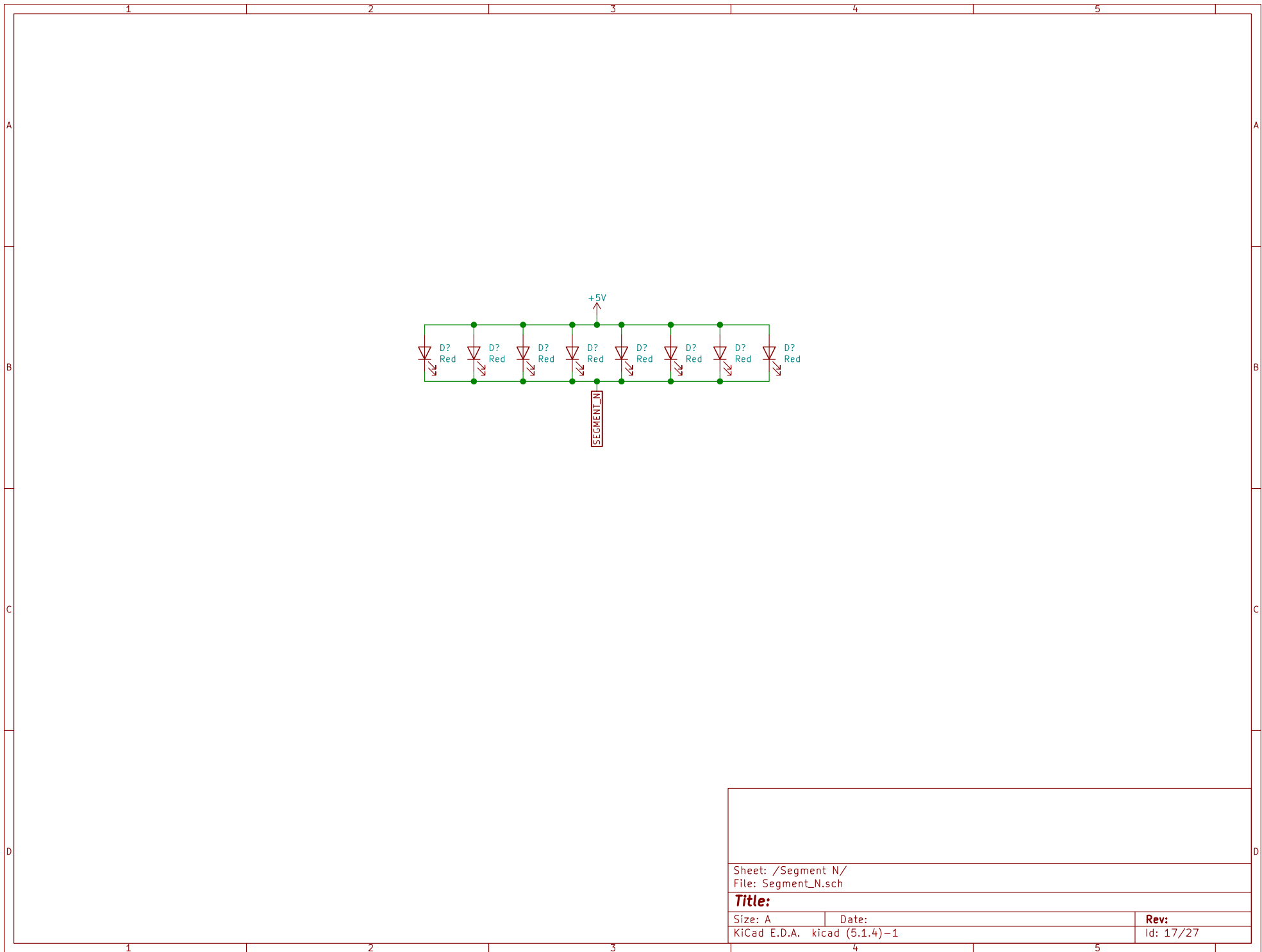




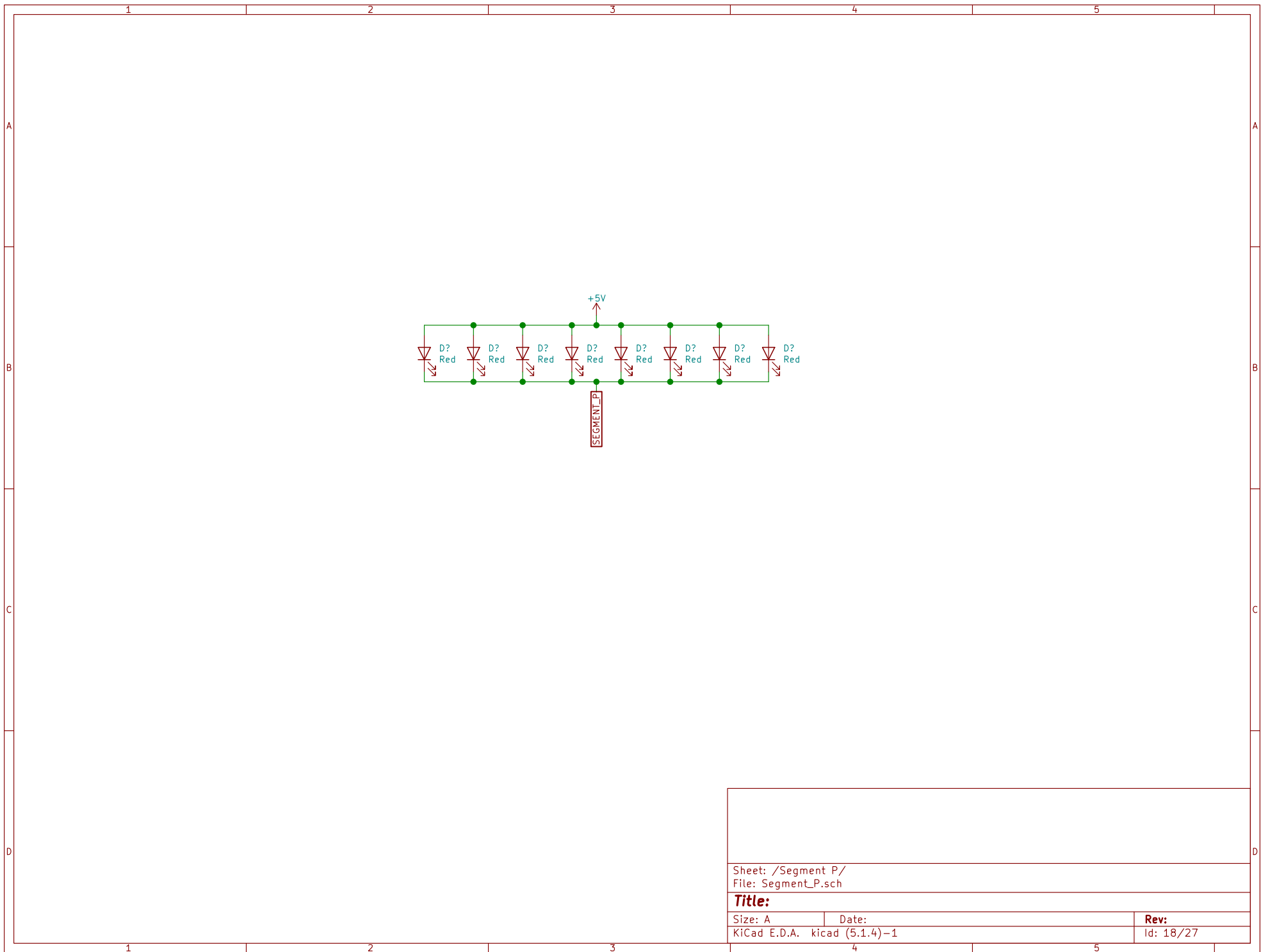
Sheet: /Segment K/ File: Segment_K.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 15/27



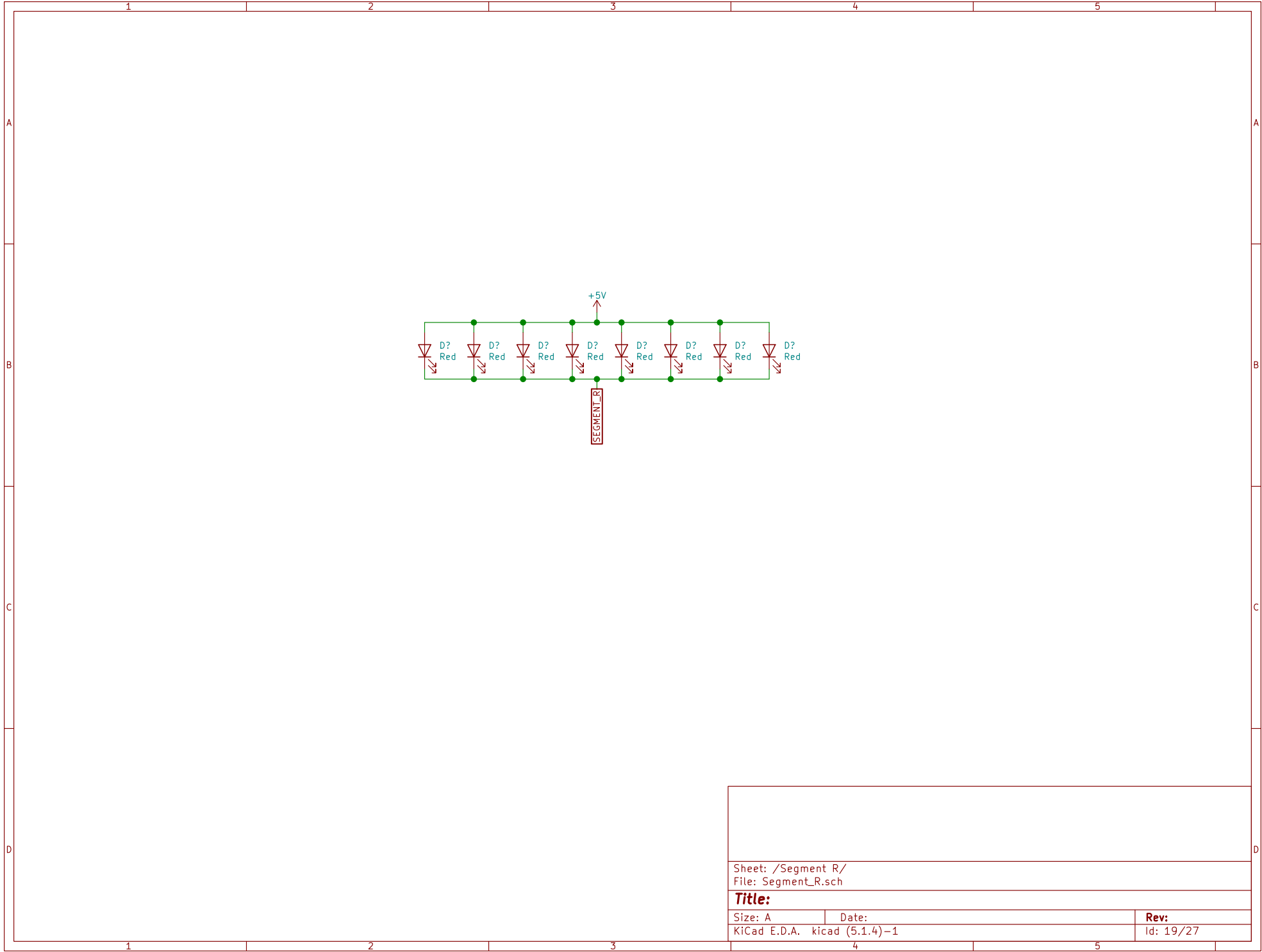




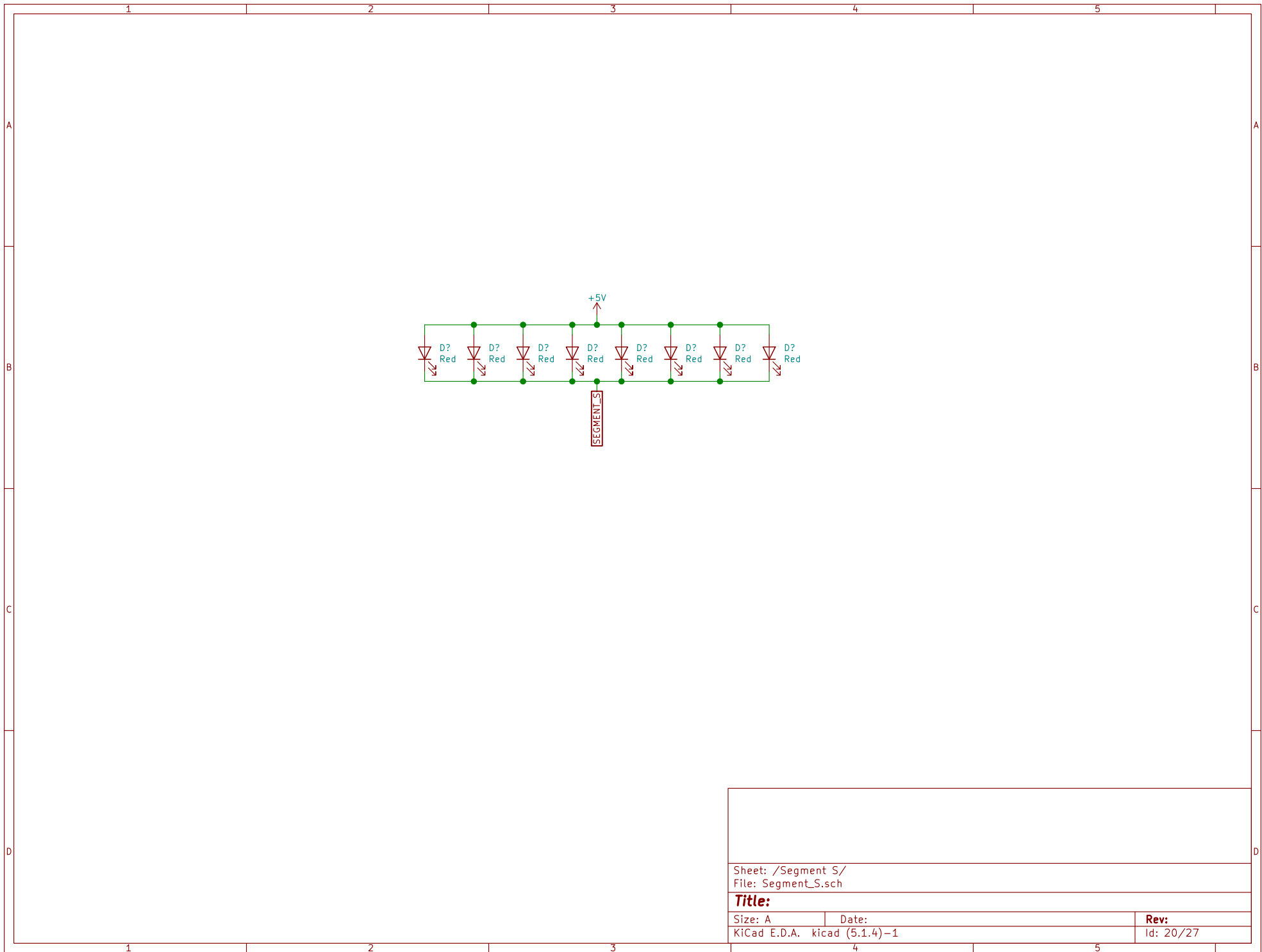
Sheet: /Segment N/ File: Segment_N.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 17/27



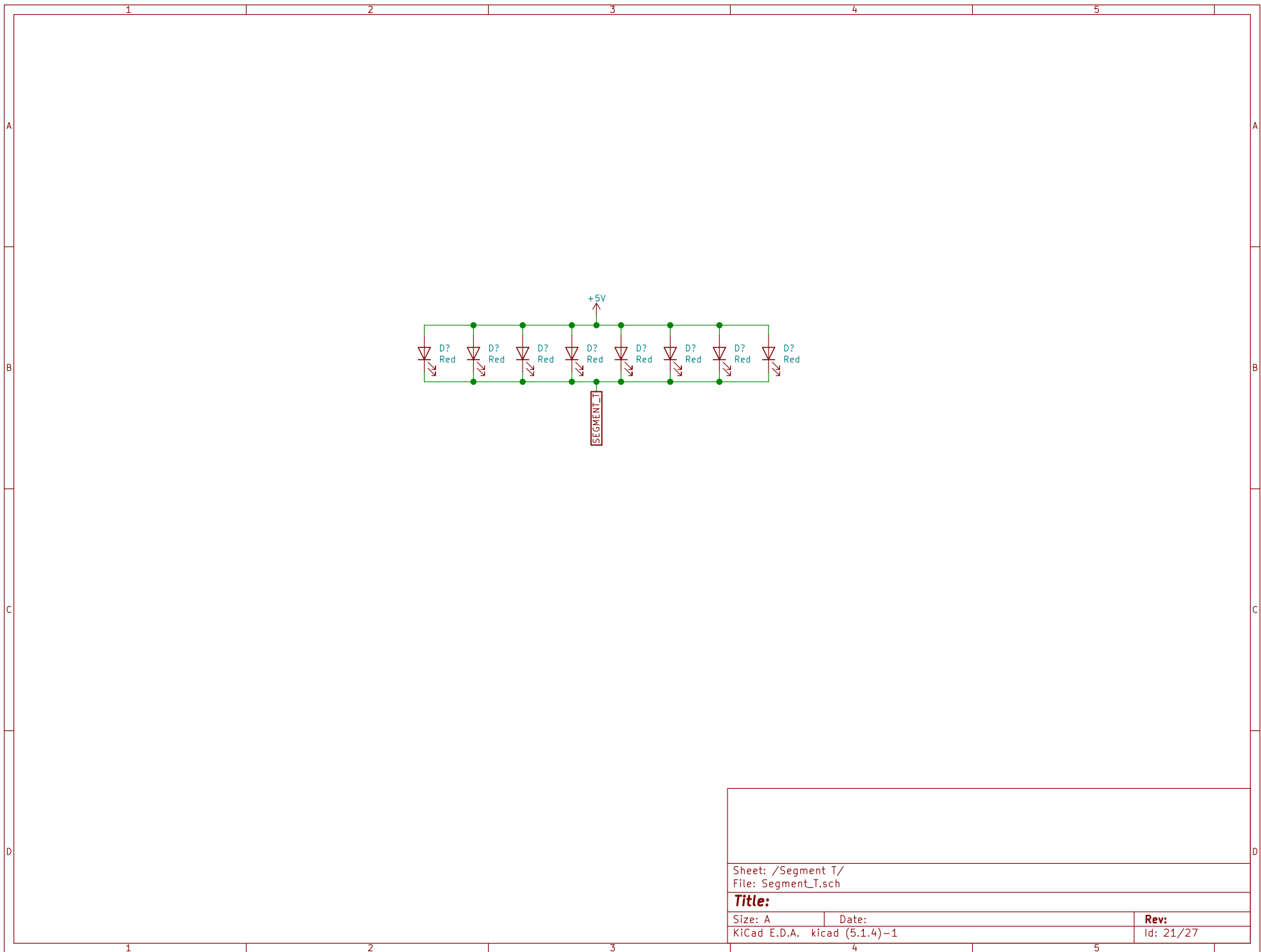
Sheet: /Segment P/ File: Segment_P.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 18/27



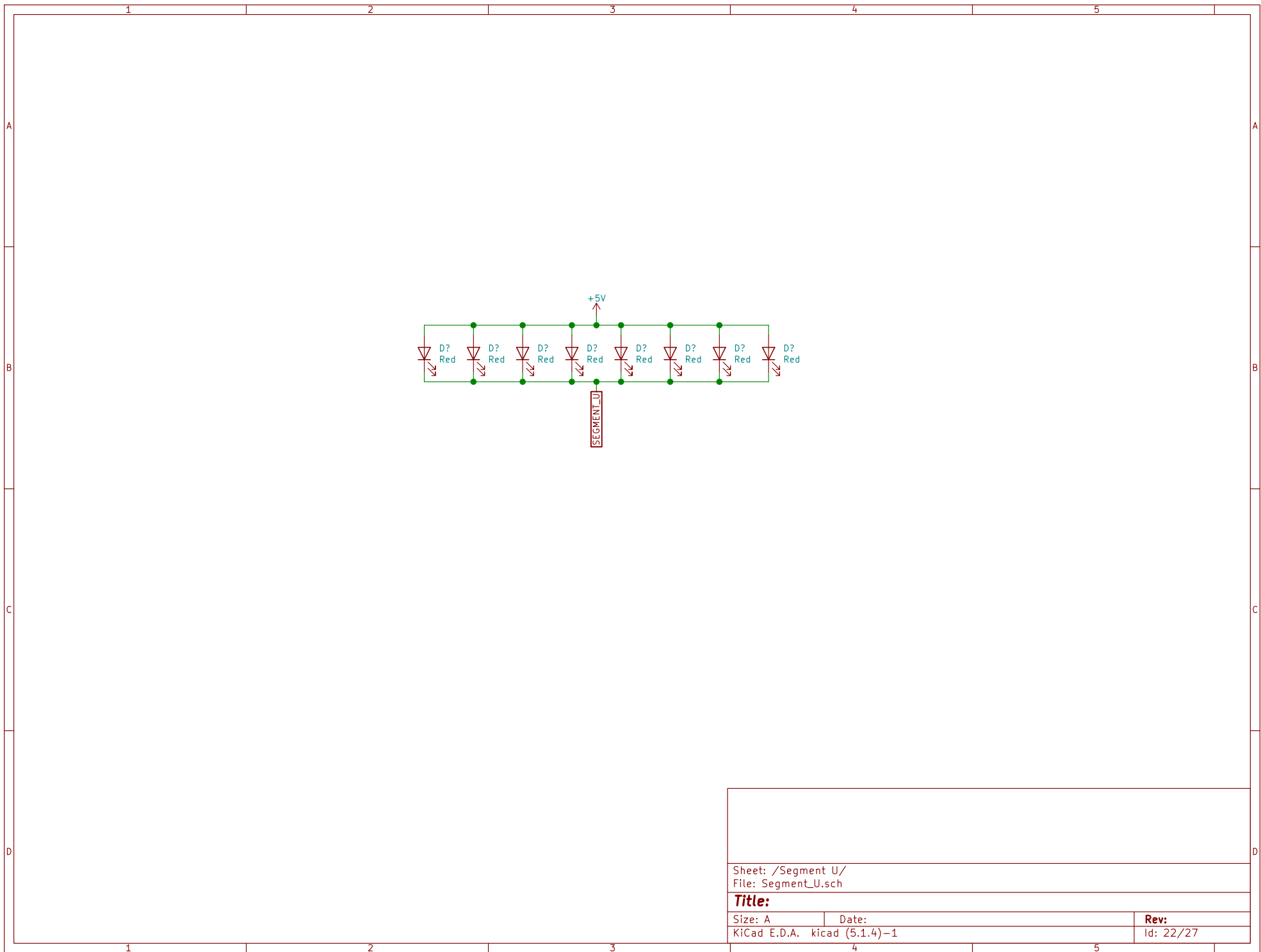
Sheet: /Segment R/ File: Segment_R.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 19/27



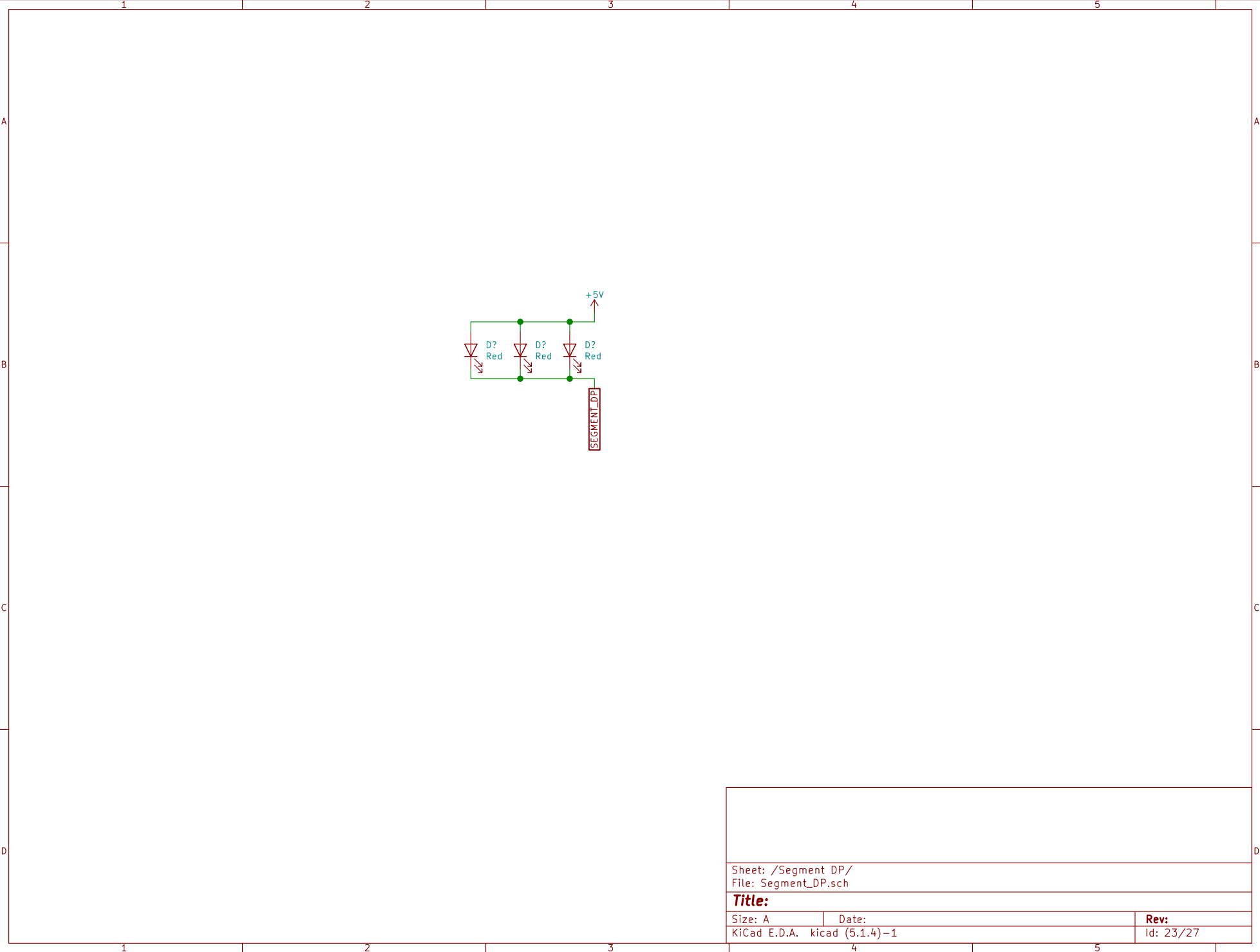
Sheet: /Segment S/ File: Segment_S.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 20/27



Sheet: /Segment T/ File: Segment_T.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 21/27



Sheet: /Segment U/ File: Segment_U.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 22/27



Sheet: /Segment DP/ File: Segment_DP.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 23/27

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

Sheet: /Telemetry/  
File: Telemetry.sch

Title:

Size: ADate:KICad E.D.A. kicad (5.1.4)–1

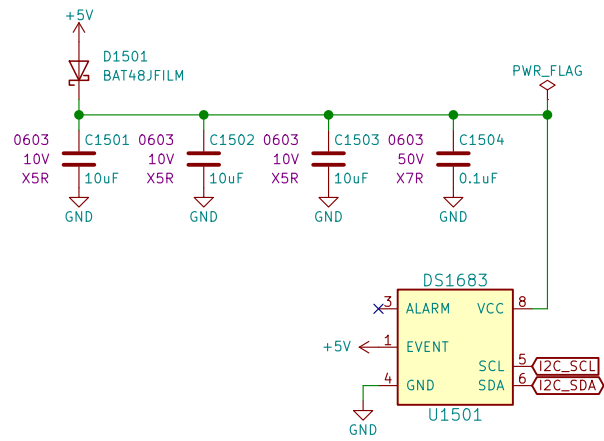
Rev:Id: 24/27

Sheet: /Telemetry/  
File: Telemetry.sch

Title:

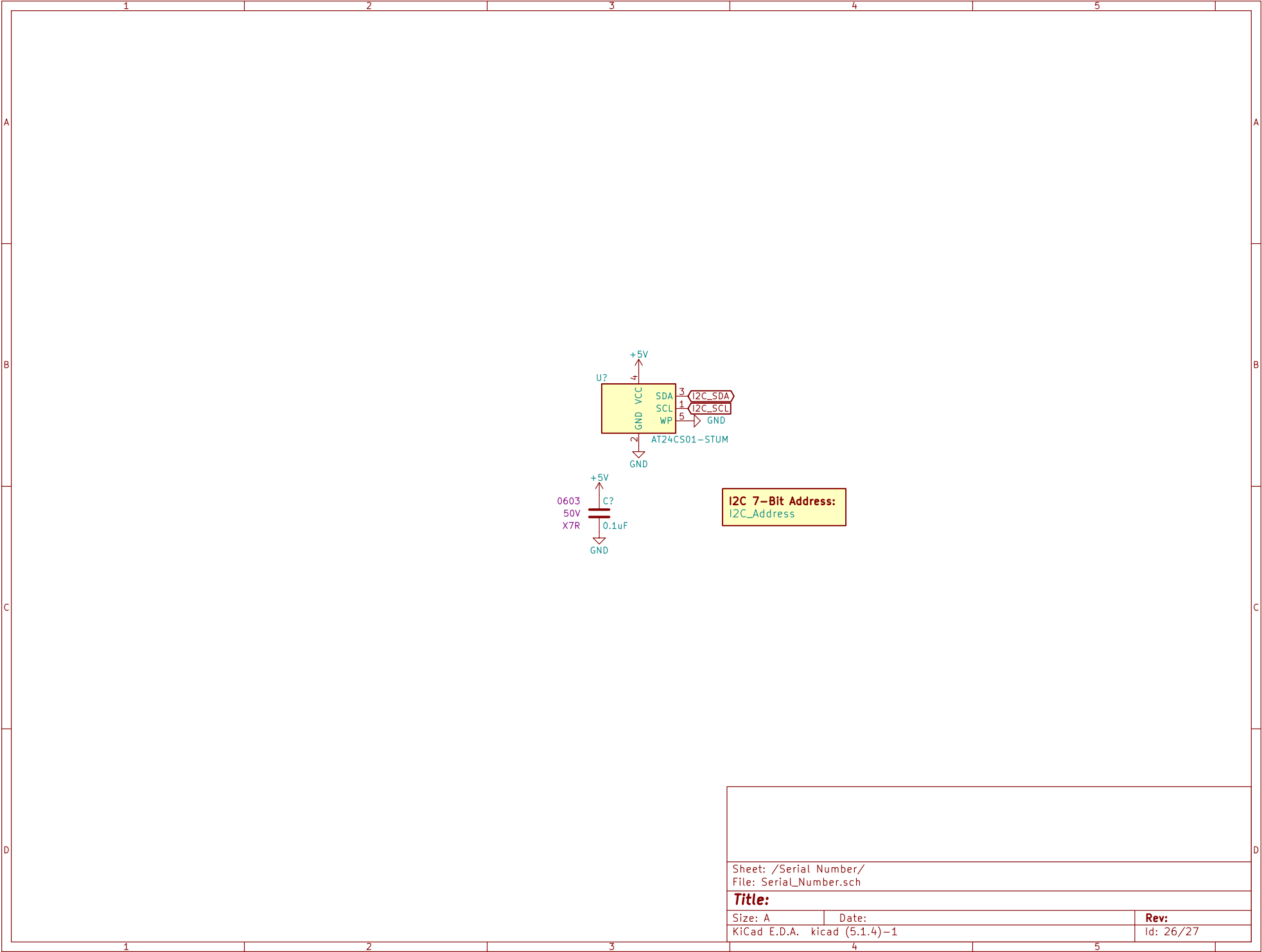
Size: A	Date:	Rev:
KiCad E.D.A.    kicad (5.1.4)–1		Id: 24/27

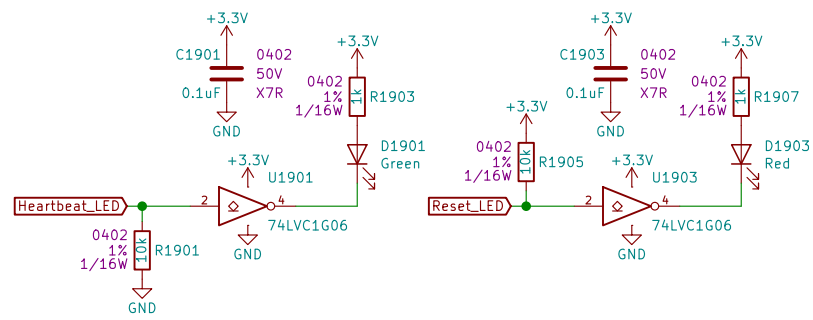




I2C 7-Bit Address:  
0x6B

Drew Maatman		
Sheet: /Time of Flight/ File: Time_of_Flight.sch		
Title: Analog Clock		
Size: A	Date: 2020-08-15	Rev: A
KiCad E.D.A. kicad (5.1.4)-1		Id: 25/27





Drew Maatman

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

**Title: Pulse Oximeter**

Size: A Date: 2020-08-01  
KiCad E.D.A. kicad (5.1.4)-1

Rev: A  
Id: 27/27