

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

SS9  
LEDs.SchDoc

LED\_SELECT

LED\_EN

LED1B

LED1G

LED1R

LED2B

LED2G

LED2R

LED3B

LED3G

LED3R

LED4B

LED4G

LED4R

LED5B

LED5G

LED5R

LED6B

LED6G

LED6R

LED7B

LED7G

LED7R

LED8B

LED8G

LED8R

LED9B

LED9G

LED9R

LED10B

LED10G

LED10R

LED11B

LED11G

LED11R

LED12B

LED12G

LED12R

LED13B

LED13G

LED13R

LED14B

LED14G

LED14R

LED15B

LED15G

LED15R



















































LED16B

LED16G

LED16R

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PSoC.SchDoc		
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A4	1	A
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SS9  
LEDs.SchDoc

	LED_SELECT	
	LED_EN	
	LED1B	LED9B 
	LED1G	LED9G 
	LED1R	LED9R 
	LED2B	LED10B 
	LED2G	LED10G 
	LED2R	LED10R 
	LED3B	LED11B 
	LED3G	LED11G 
	LED3R	LED11R 
	LED4B	LED12B 
	LED4G	LED12G 
	LED4R	LED12R 
	LED5B	LED13B 
	LED5G	LED13G 
	LED5R	LED13R 
	LED6B	LED14B 
	LED6G	LED14G 
	LED6R	LED14R 
	LED7B	LED15B 
	LED7G	LED15G 
	LED7R	LED15R 
	LED8B	LED16B 
	LED8G	LED16G 
	LED8R	LED16R 

Title PSoC.SchDoc			
Size A4	Number 1		Revision A
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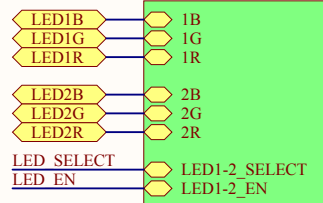
▲ All LEDs have been set to 10mA forward current via:

RED: R=300R  
GREEN: R=170R  
BLUE: R=170R

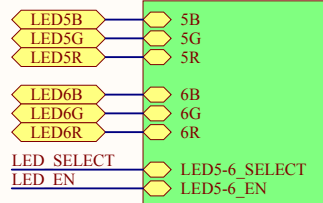
▲ Vf @ If=20mA (Min->Typ->Max):

RED: 1.8->2.0->2.4V  
GREEN: 3.0->3.3->3.6V  
BLUE: 3.0->3.3->3.6V

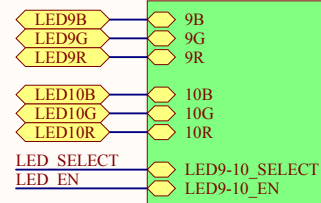
SS1  
LED1-2.SchDoc



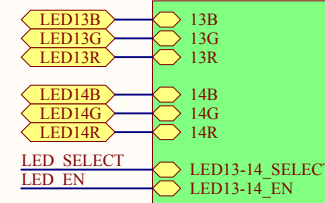
SS3  
LED5-6.SchDoc



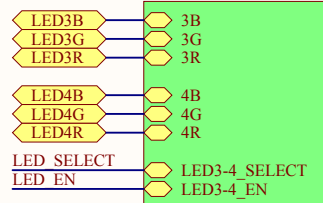
SS5  
LED9-10.SchDoc



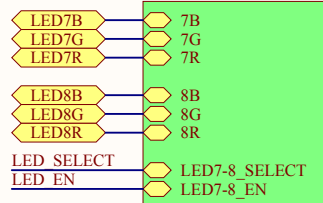
SS7  
LED13-14.SchDoc



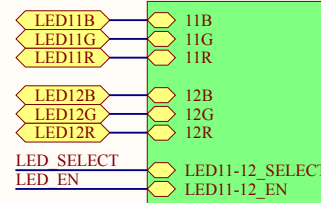
SS2  
LED3-4.SchDoc



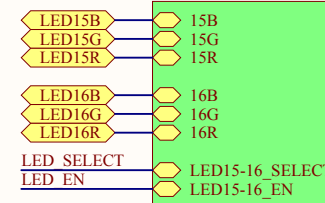
SS4  
LED7-8.SchDoc



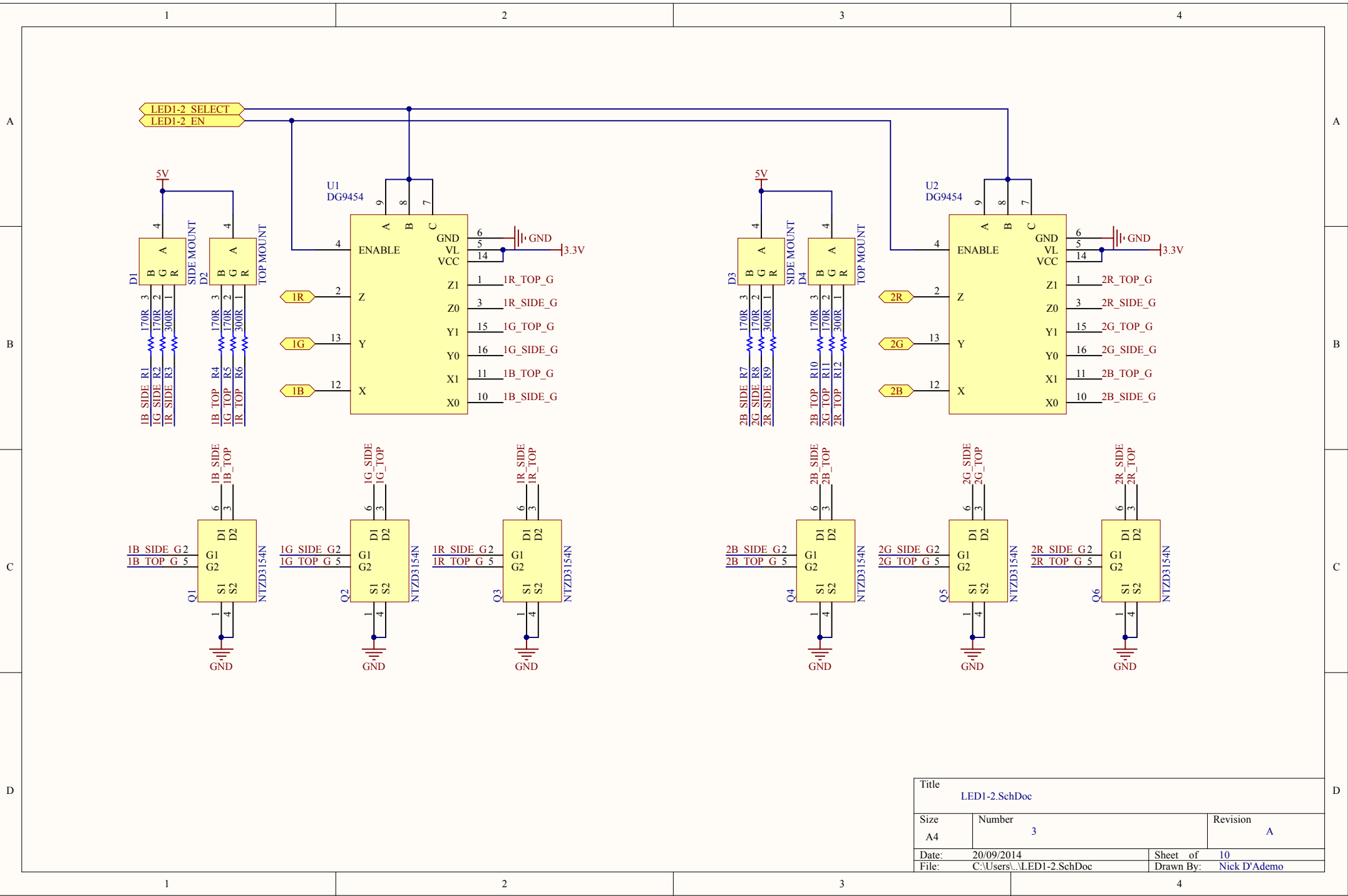
SS6  
LED11-12.SchDoc

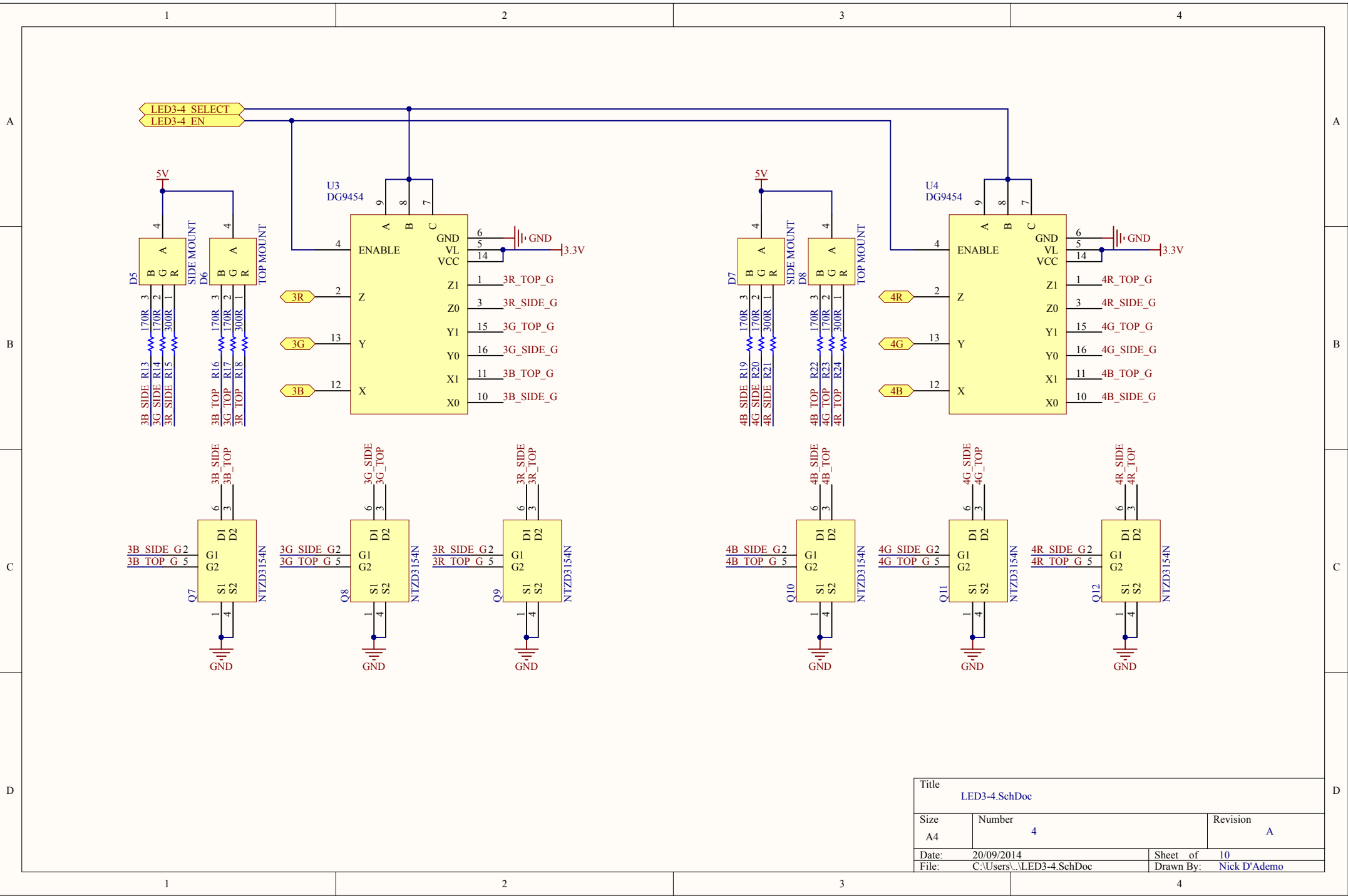


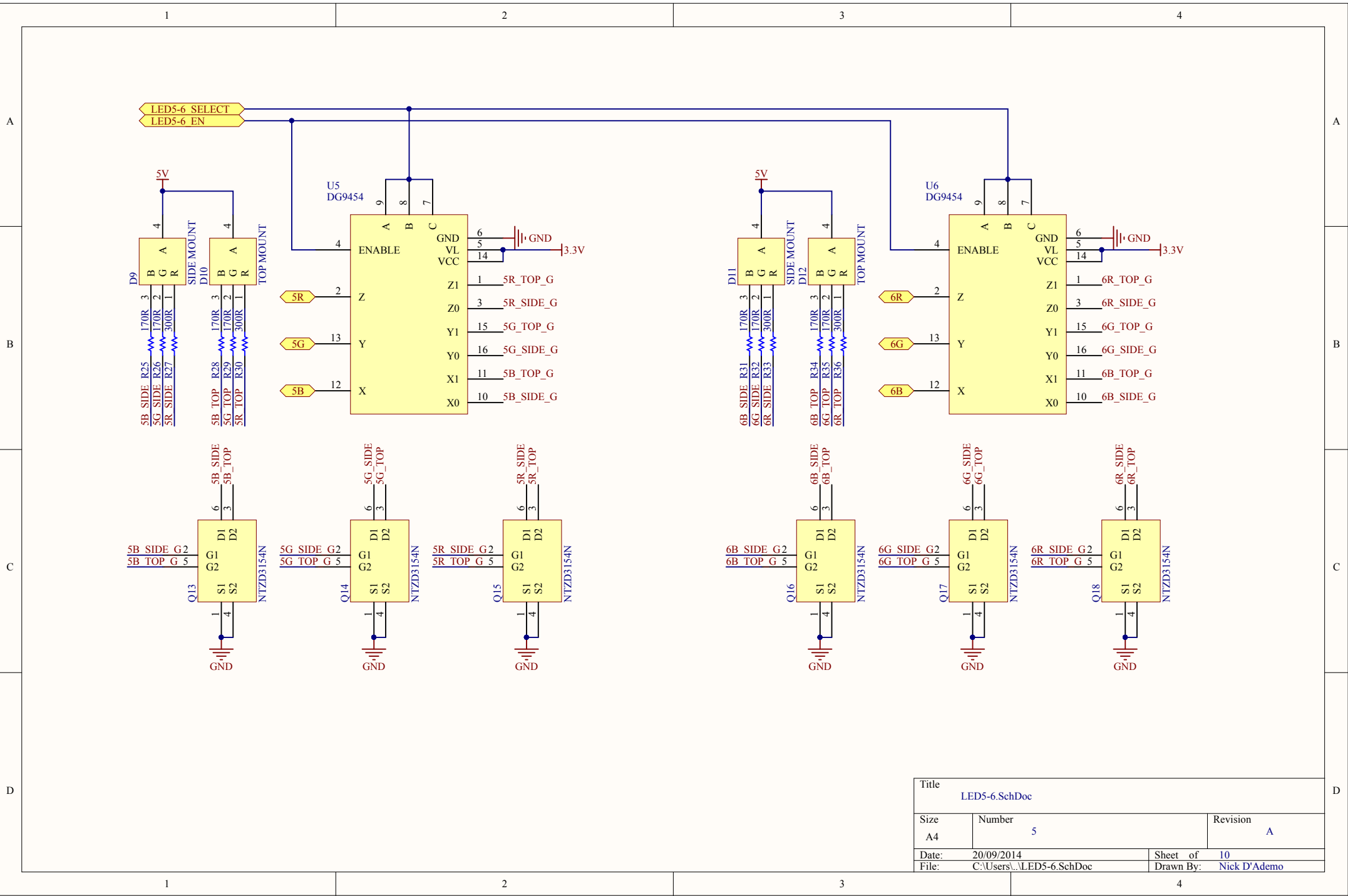
SS8  
LED15-16.SchDoc



Title LEDs.SchDoc			
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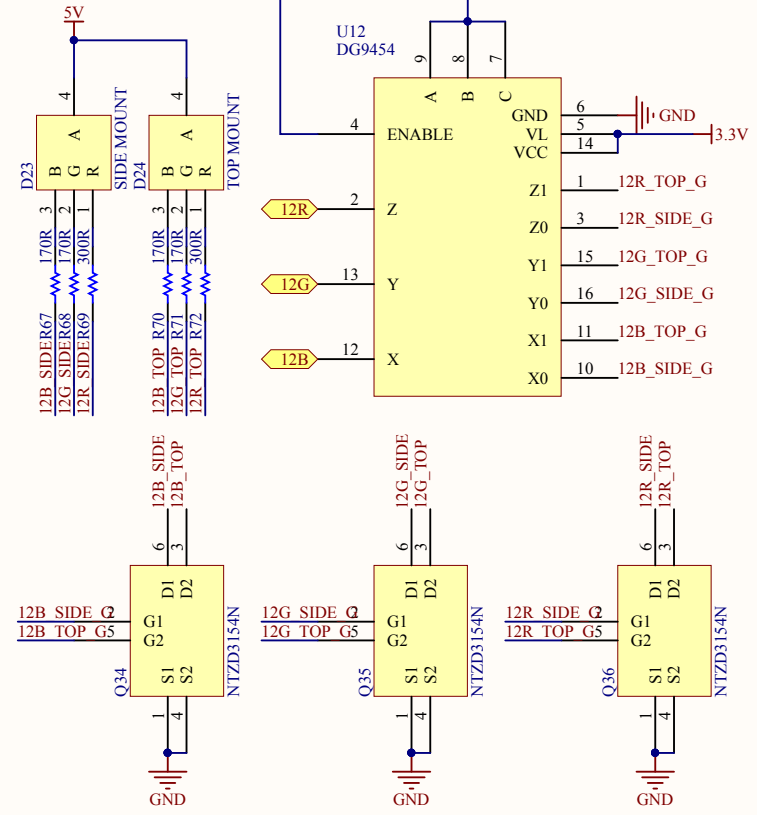
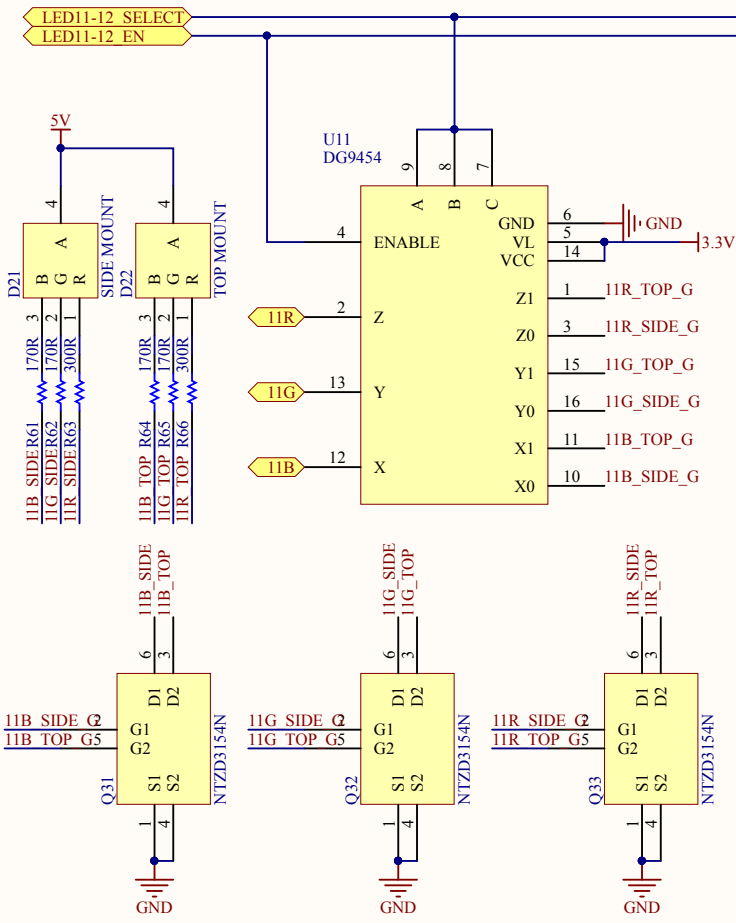












Title		
LED11-12.SchDoc		
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