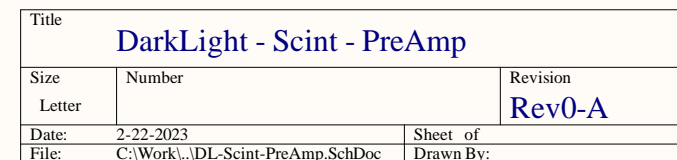
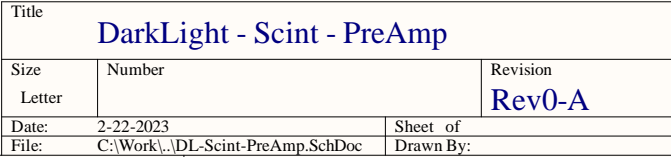
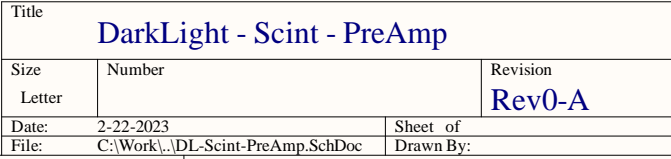
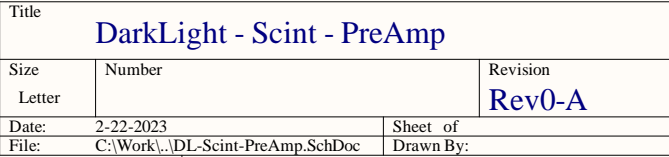


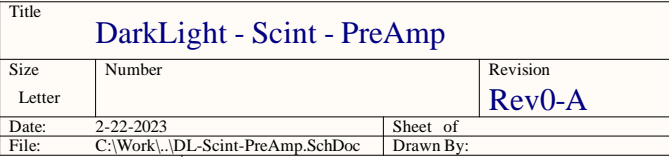
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Size	Number		Revision	
Letter			Rev0-A	
Date:	2-22-2023		Sheet of	
File:	C:\Work\..DL-Scint-PreAmp.SchDoc		Drawn By:	

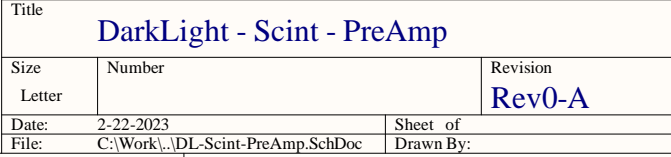


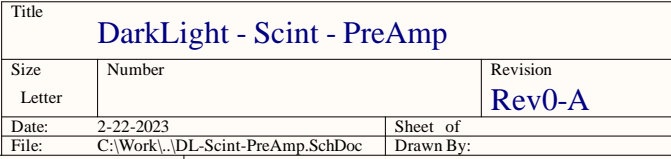


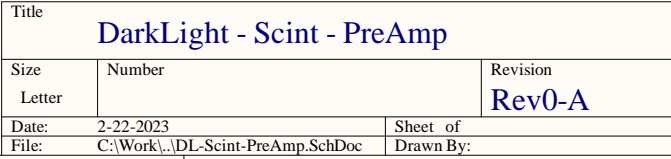


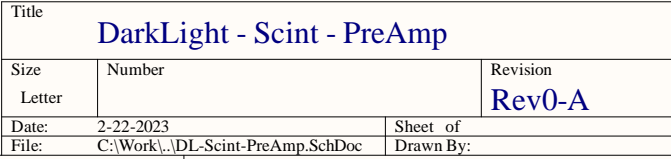


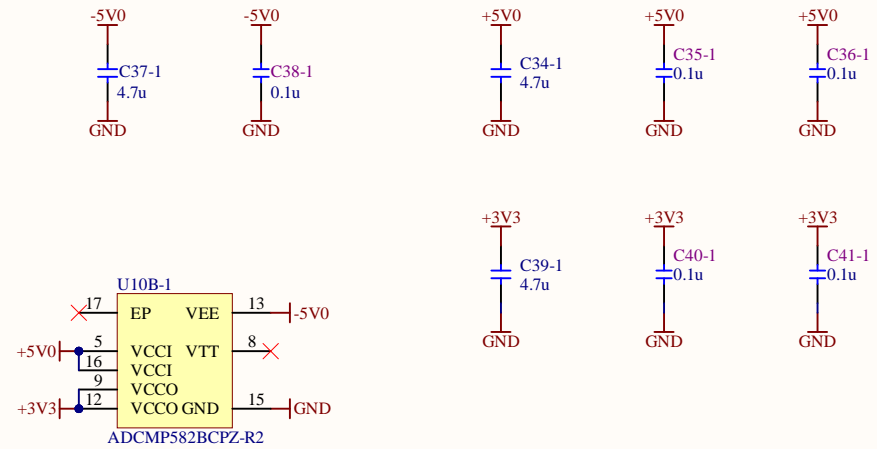
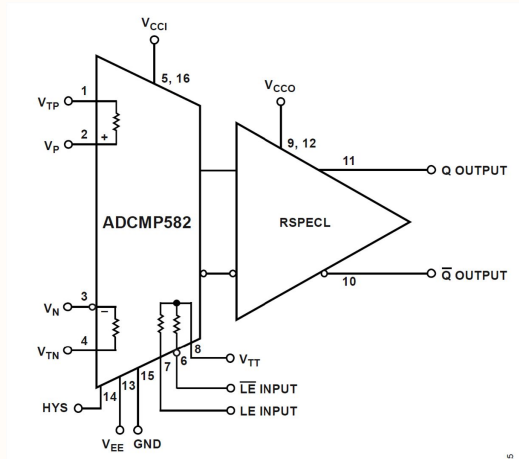








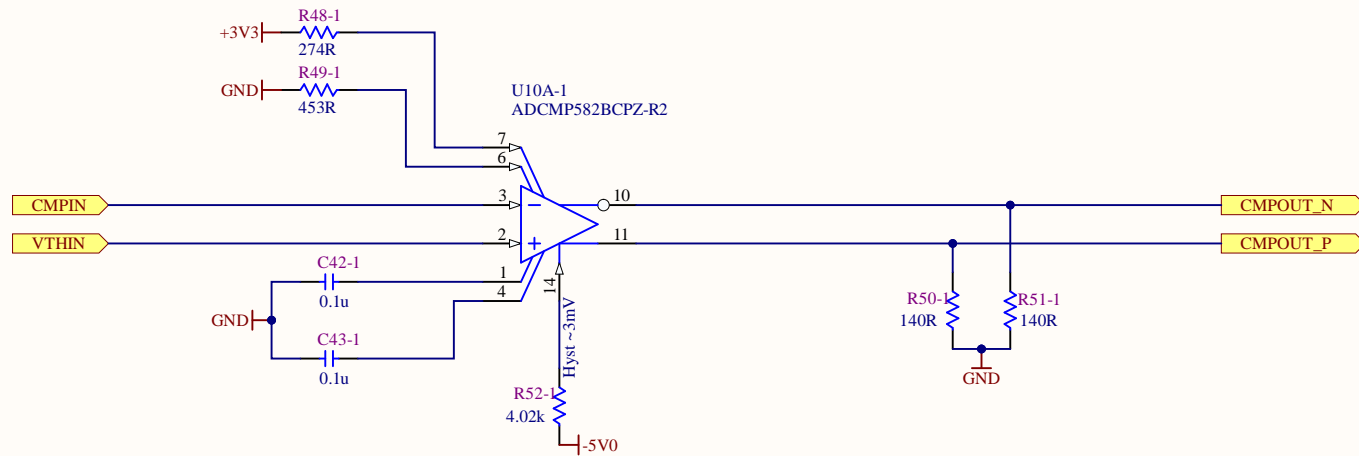




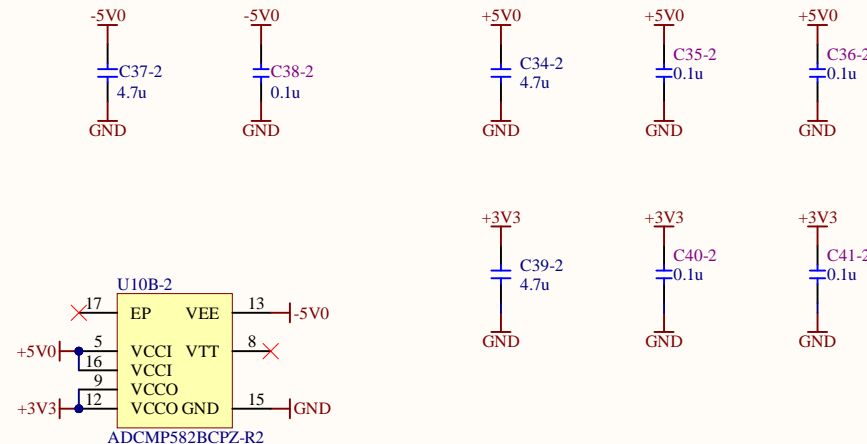
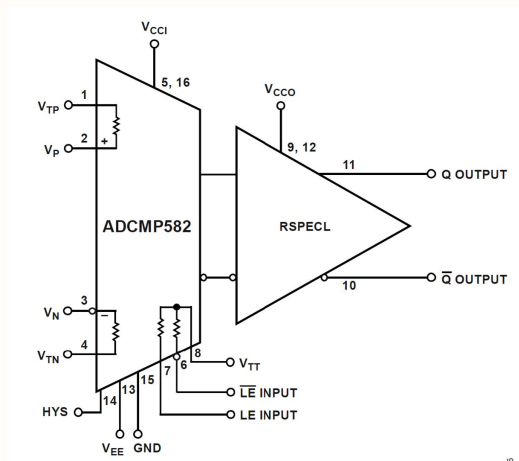
ADCMP582 (PECL)					
Latch Enable Input Range					
Latch Enable Input Differential					
	V _{CCO} - 1.8		V _{CCO} - 0.8	V	
	0.2	0.4	0.5		

Latch disabled = $\text{Log1} = \text{LE_P} - \text{LE_N} = 0.4\text{V}$
LEpins are terminated 50R to Vtt pin

$0.4\text{V}/100\text{R} = 4\text{mA}$
 $3.3\text{V}/4\text{mA} = 825\text{R}$



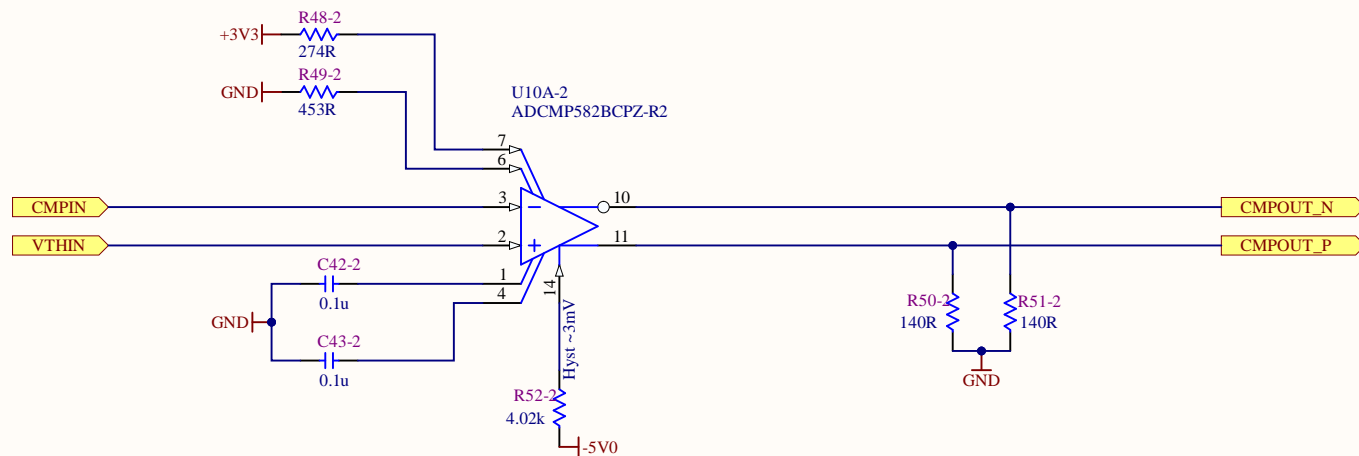
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Size	Number			Revision	
Letter				Rev 0-A	
Date:	2-22-2023			Sheet of	
File:	C:\Work\DL-Scint-Comparator.SchDoc			Drawn By:	



ADCMP582 (PECL)					
Latch Enable Input Range					
Latch Enable Input Differential					
	V _{CCO} - 1.8	V _{CCO} - 0.8	V	V	
	0.2	0.4	0.5		

Latch disabled = $\text{LogI} = \text{LE_P} - \text{LE_N} = 0.4\text{V}$
LEpins are terminated 50R to Vtt pin

$0.4\text{V}/100\text{R} = 4\text{mA}$
 $3.3\text{V}/4\text{mA} = 825\text{R}$



Title			DarkLight - Scint - Comparator		
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