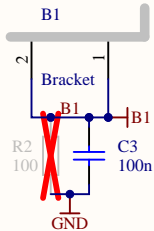
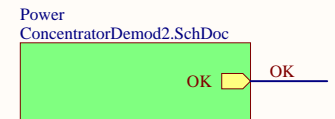
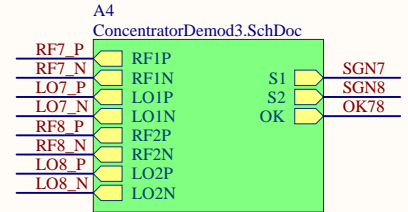
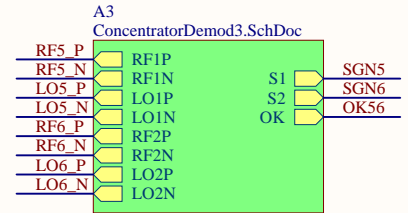
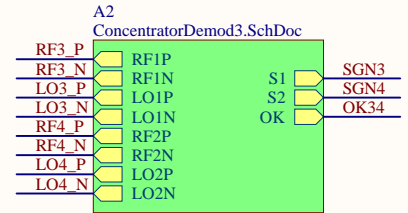
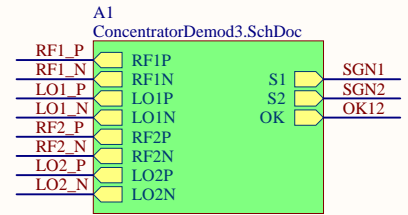
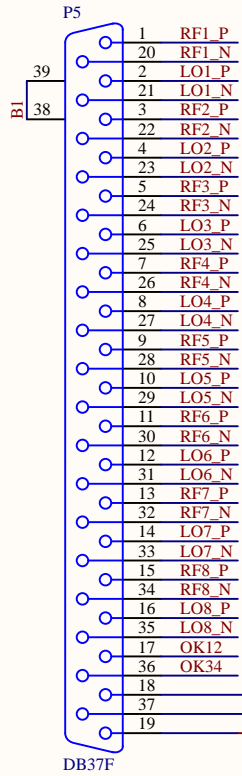
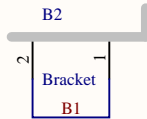


- H1 #4 screw, 3/8"
- H2 #4 screw, 3/8"
- McMaster-Carr 90272A108
- H3 #4 lock washer
- H4 #4 lock washer
- McMaster-Carr 91113A005
- H5 #4 nut
- H6 #4 nut
- McMaster-Carr 90480A005



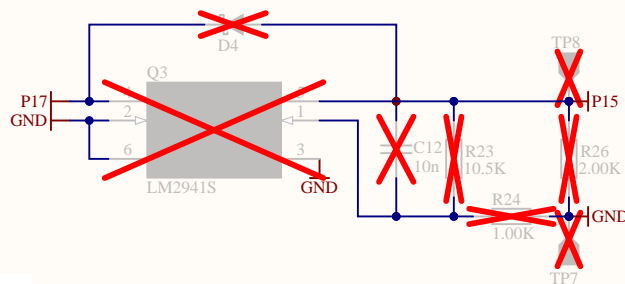
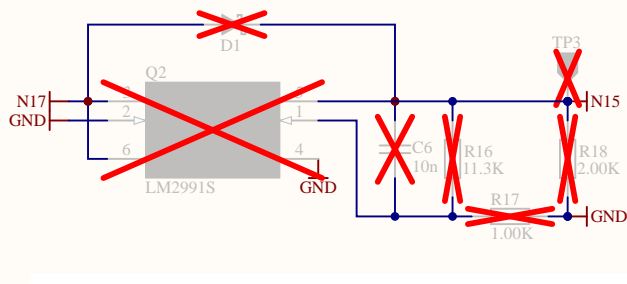
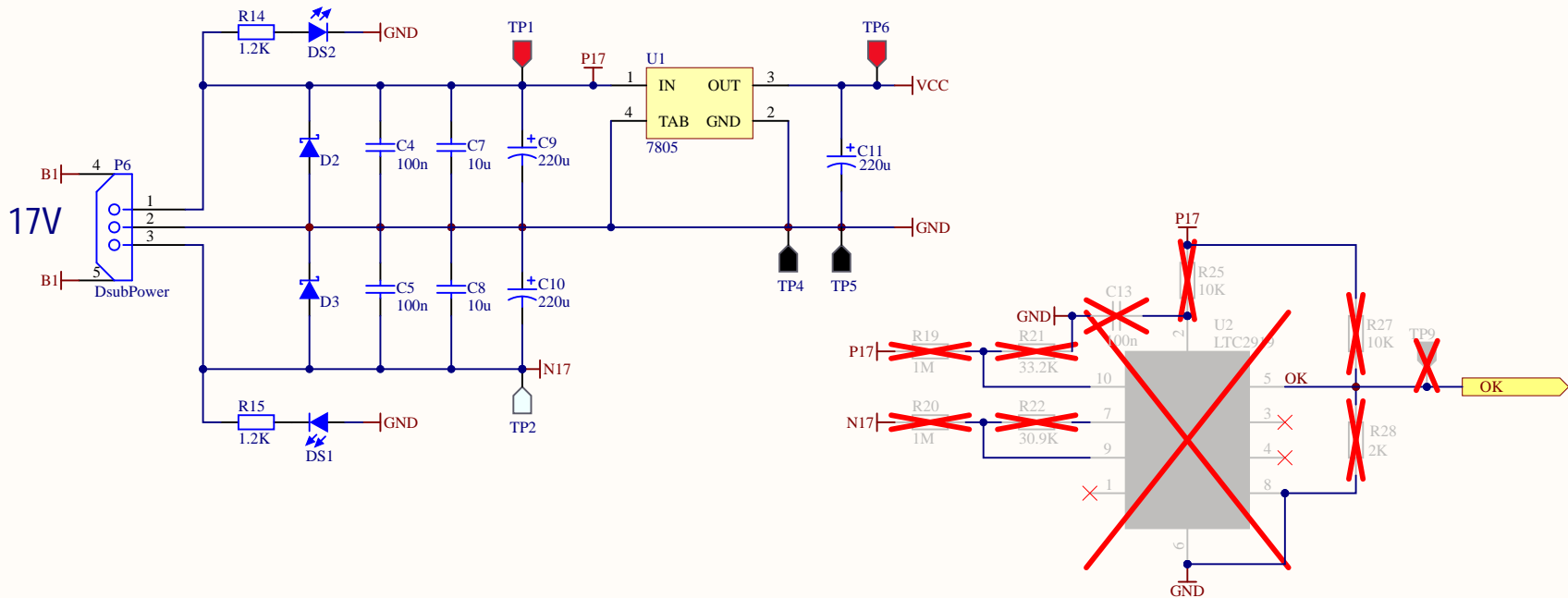
- H7 #4 screw, 3/8"
- H8 #4 screw, 3/8"
- H9 #4 lock washer
- H10 #4 lock washer
- H11 #4 nut
- H12 #4 nut



## Controls Concentrator Demodulator

Size A Number **D1100692** Revision **1**

Date: 7/25/2024 Sheet 1 of 3  
 File: C:\Users\...\ConcentratorDemod1.SchDoc Drawn By: Daniel Sigg

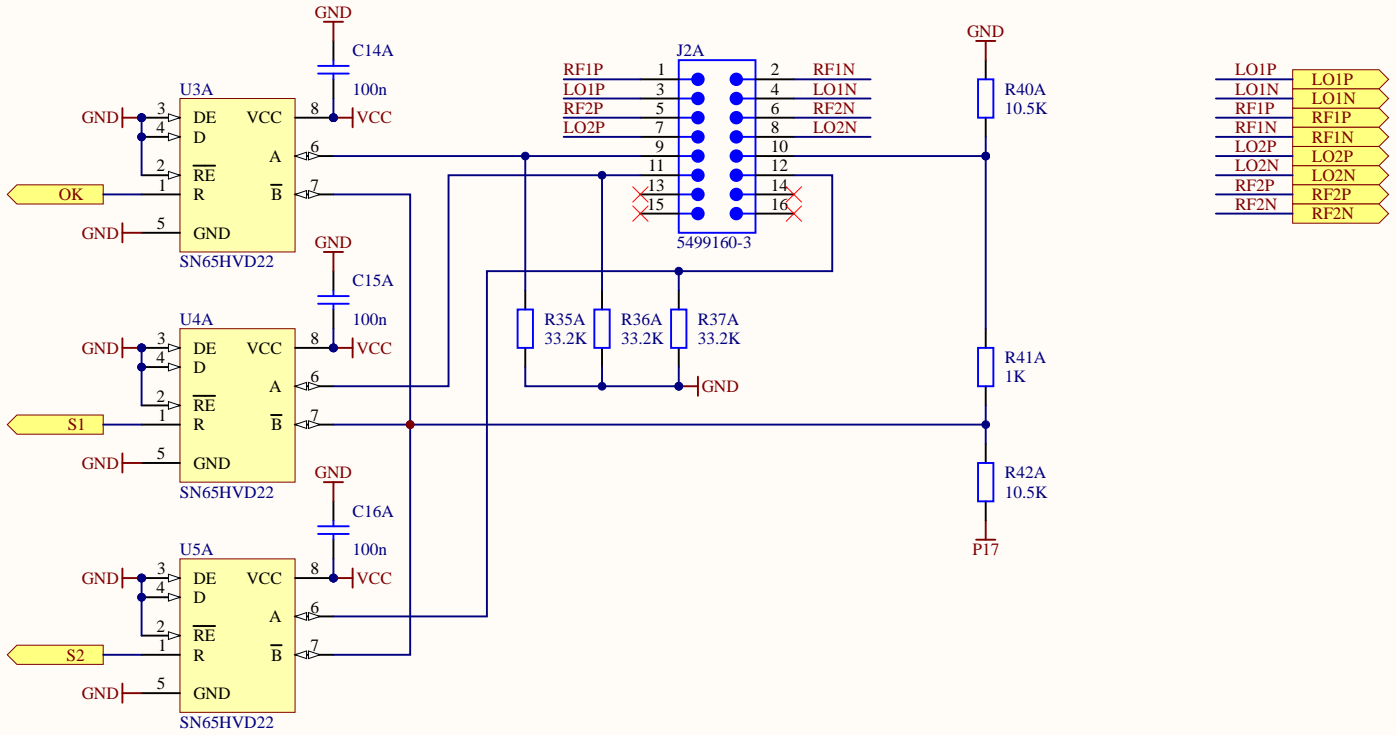
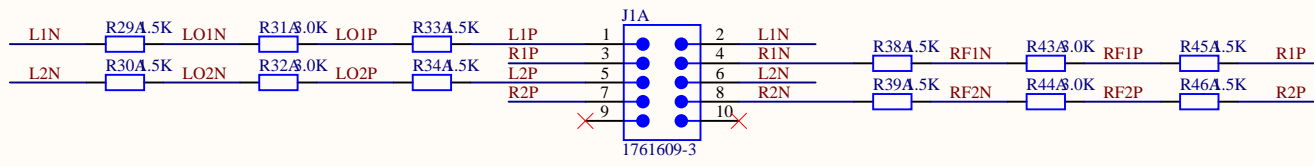


Undervoltage monitors:  
OK low indicates a supply fault.

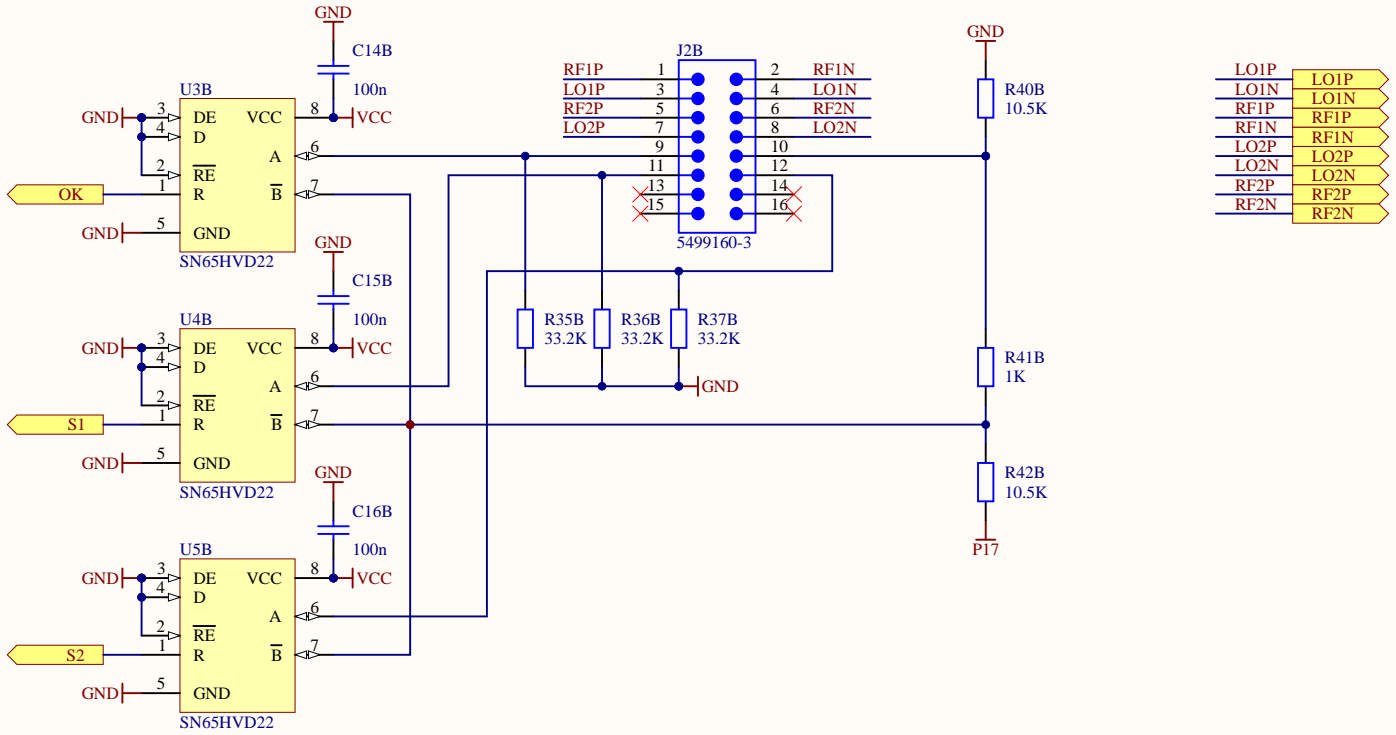
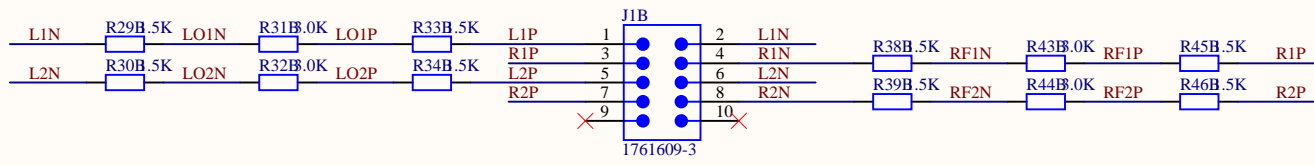
Positive:  $V_{Trip} = (R3/R7 + 1) / 2$   
Negative:  $V_{Trip} = (1 - R4/R8) / 2$

P17:  $V_{Trip} = +15.6V$   
N17:  $V_{Trip} = -15.7V$

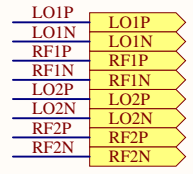
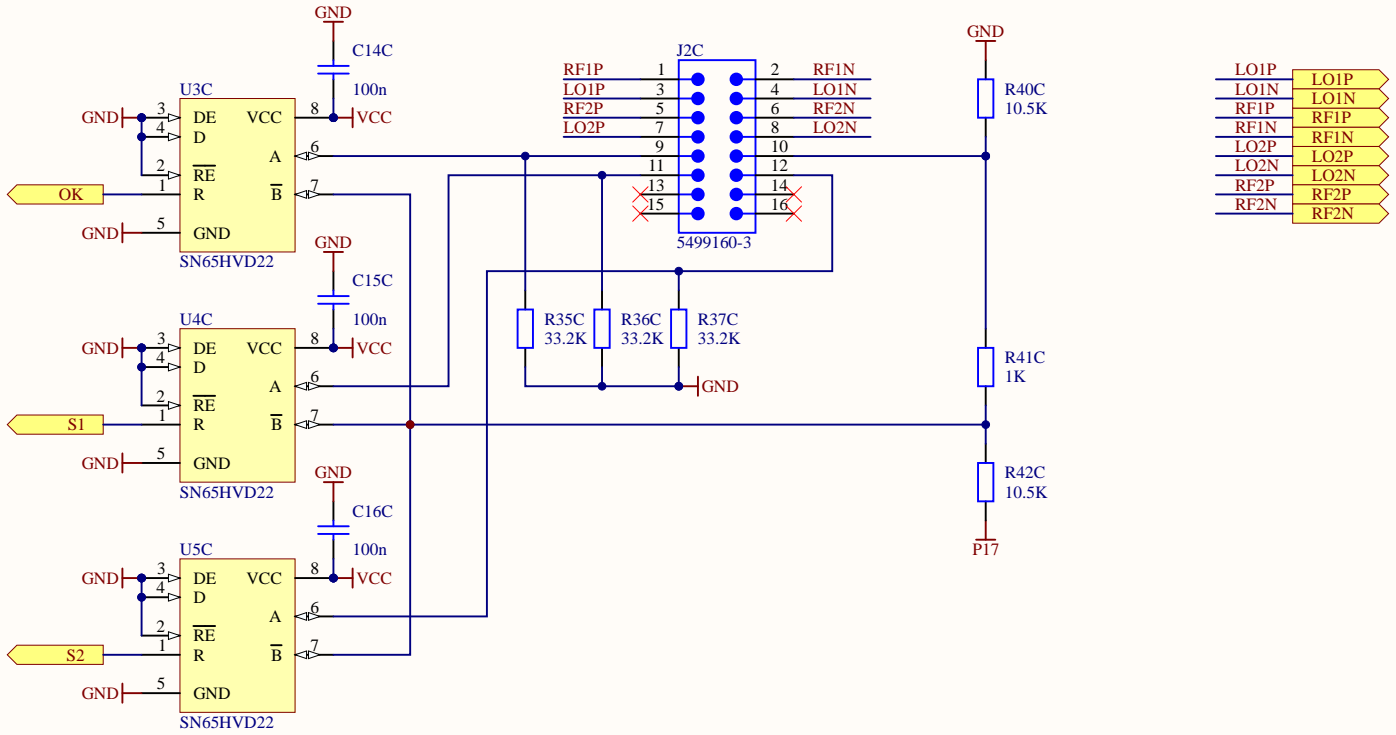
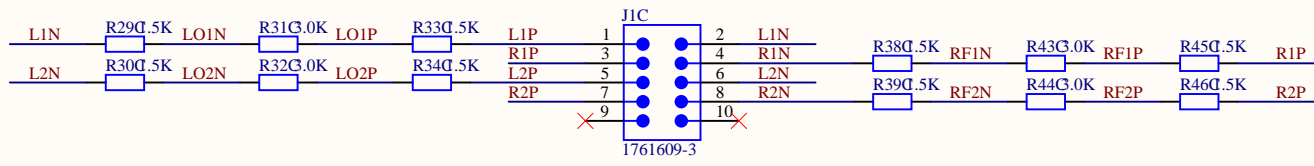
Title		
<b>Controls Concentrator Demodulator</b>		
Size	Number	Revision
A	<b>D1100692</b>	<b>1</b>
Date:	7/25/2024	Sheet 2of 3
File:	C:\Users\...\ConcentratorDemod2.SchDoc	Drawn By: Daniel Sigg



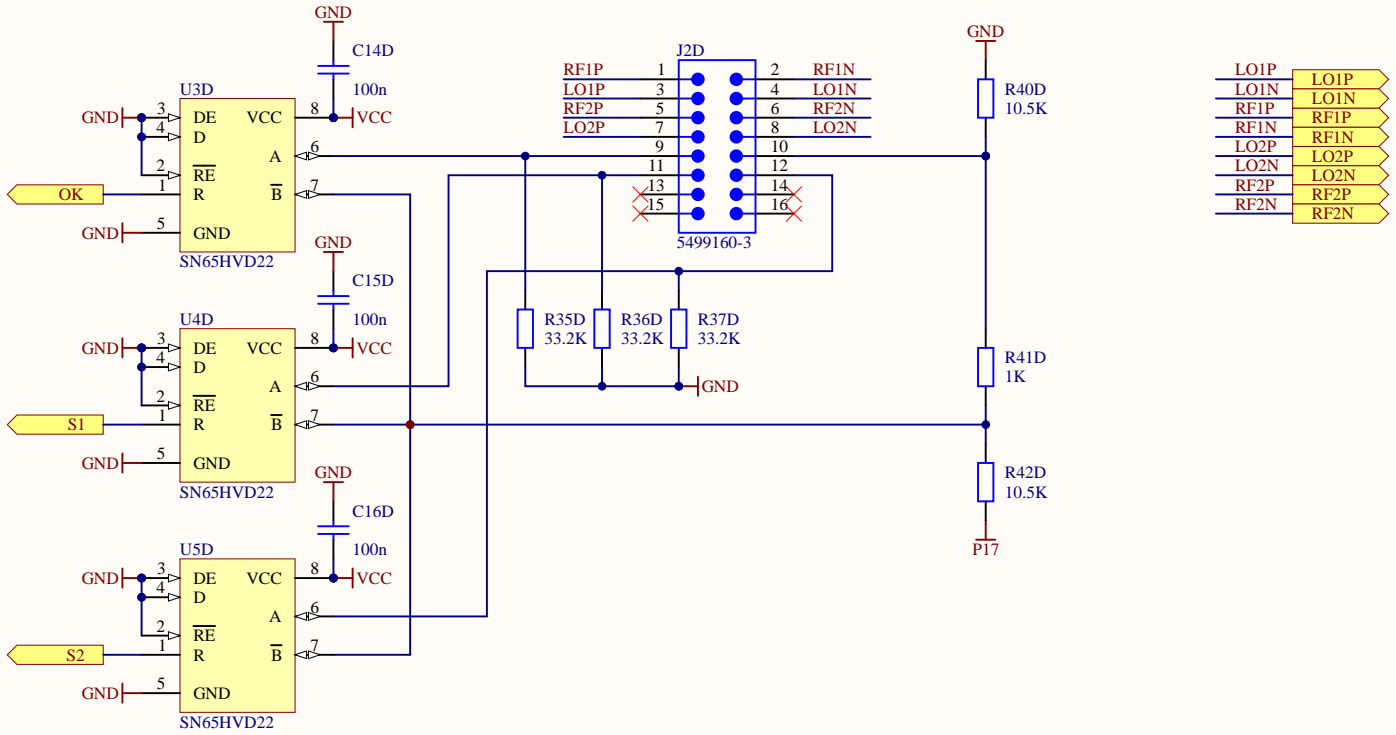
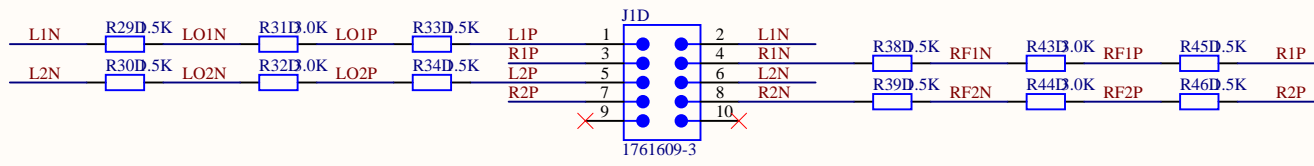
Title		
<b>Controls Concentrator Demodulator</b>		
Size	Number	Revision
A	<b>D1100692</b>	<b>1</b>
Date:	7/25/2024	Sheet 3of 3
File:	C:\Users\...\ConcentratorDemod3.SchDoc	Drawn By: Daniel Sigg



Title		
<b>Controls Concentrator Demodulator</b>		
Size	Number	Revision
A	<b>D1100692</b>	<b>1</b>
Date:	7/25/2024	Sheet 3of 3
File:	C:\Users\...\ConcentratorDemod3.SchDoc	Drawn By: Daniel Sigg



Title		
<b>Controls Concentrator Demodulator</b>		
Size	Number	Revision
A	<b>D1100692</b>	<b>1</b>
Date:	7/25/2024	Sheet 3of 3
File:	C:\Users\...\ConcentratorDemod3.SchDoc	Drawn By: Daniel Sigg



Title		
<b>Controls Concentrator Demodulator</b>		
Size	Number	Revision
A	<b>D1100692</b>	<b>1</b>
Date:	7/25/2024	Sheet 3of 3
File:	C:\Users\...\ConcentratorDemod3.SchDoc	Drawn By: Daniel Sigg