

A

A

B

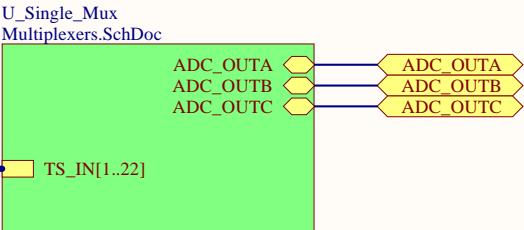
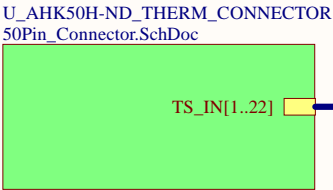
B

C

C

D

D



Title			
Connector to Multiplexors Channels			
Size	Number		Revision
A			04
Date:	2020-05-16	Sheet	of
File:	C:\Users\...\MID.SchDoc	Drawn By:	Will McKnight

A

A

B

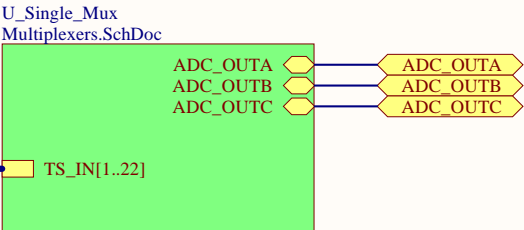
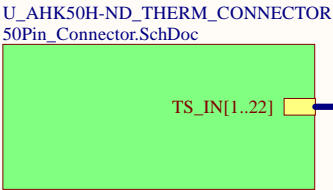
B

C

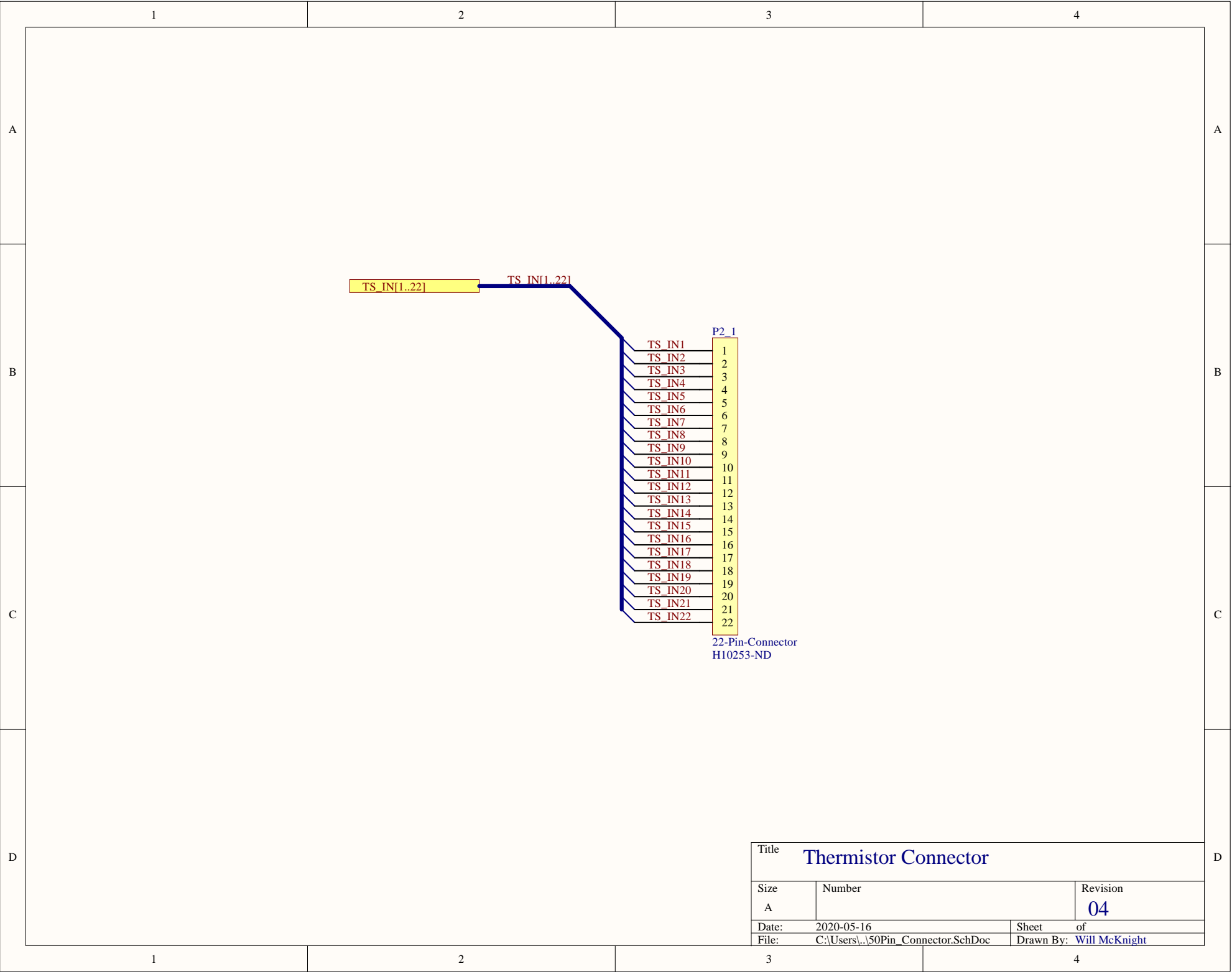
C

D

D



Title			
Connector to Multiplexors Channels			
Size	Number		Revision
A			04
Date:	2020-05-16	Sheet	of
File:	C:\Users\...\MID.SchDoc	Drawn By:	Will McKnight



A

A

B

B

C

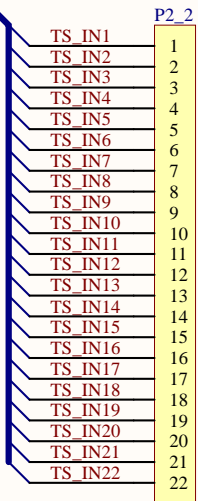
C

D

D

TS\_IN[1..22]

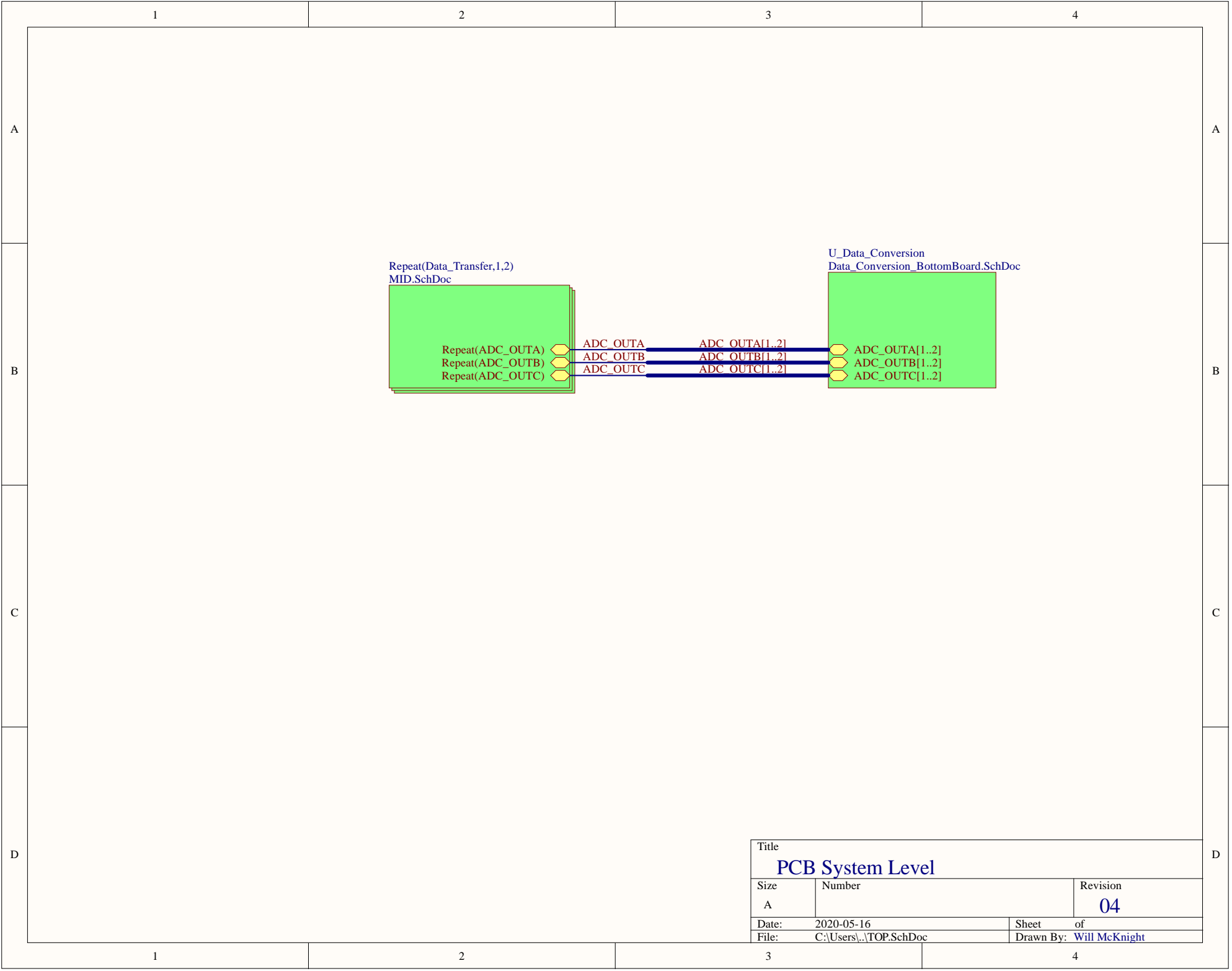
TS\_IN[1..22]

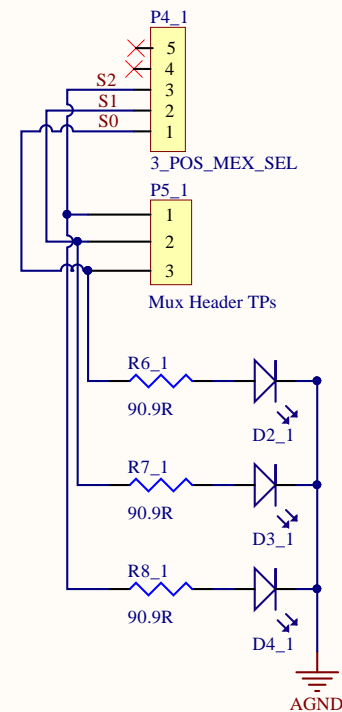
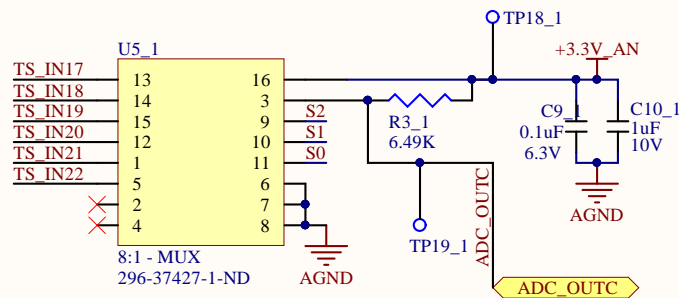
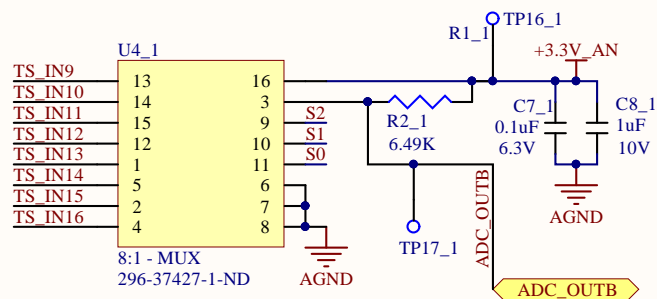
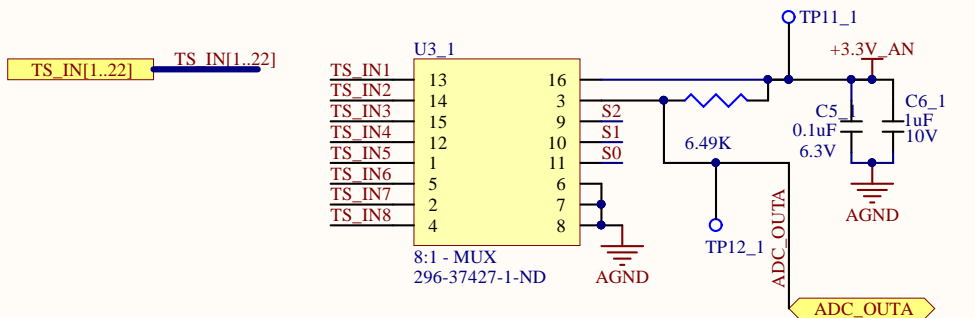


P2\_2

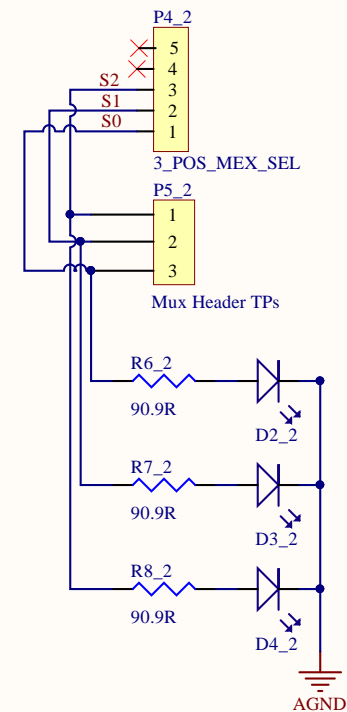
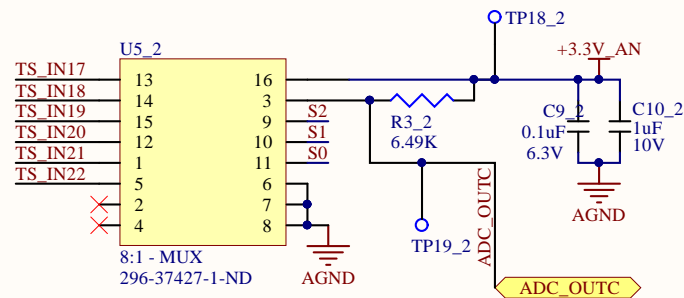
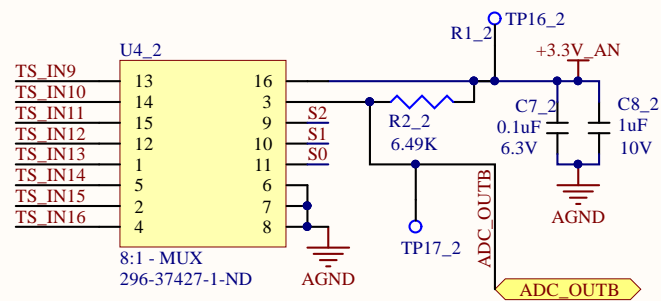
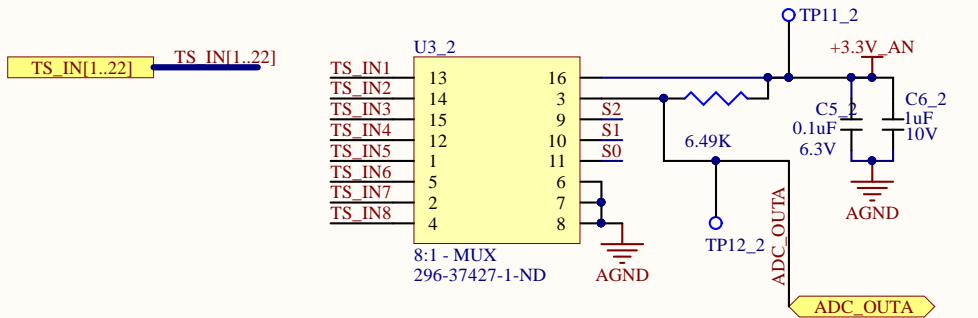
22-Pin-Connector  
H10253-ND

Title			
Thermistor Connector			
Size	Number		Revision
A			04
Date:	2020-05-16	Sheet	of
File:	C:\Users\...\50Pin_Connector.SchDoc	Drawn By:	Will McKnight





Title		
Thermistor Multiplexer Circuit		
Size	Number	Revision
A		04
Date:	2020-05-16	Sheet of
File:	C:\Users\...\Multiplexers.SchDoc	Drawn By: Will McKnight



Title		
Thermistor Multiplexer Circuit		
Size	Number	Revision
A		04
Date:	2020-05-16	Sheet of
File:	C:\Users\...\Multiplexers.SchDoc	Drawn By: Will McKnight

ADC\_OUTA[1..2] ADC\_OUTA[1..2]  
ADC\_OUTB[1..2] ADC\_OUTB[1..2]  
ADC\_OUTC[1..2] ADC\_OUTC[1..2]

+3.3V\_AN +3.3V\_AN  
R5  
Top Layer 0hm Resistor

P7  
8  
7  
6  
5  
4  
3  
2  
1  
ADC\_OUTB1  
ADC\_OUTA1  
ADC\_OUTB2  
ADC\_OUTA2  
ADC\_OUTC1  
ADC\_OUTC2  
6Pos\_ADC\_Volt\_Test\_Connector  
WM17945CT-ND

S1 S2 S3 S4  
1772-2012-ND 1772-2012-ND 1772-2012-ND 1772-2012-ND  
AGND

P1  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
ADC\_OUTA1  
ADC\_OUTB1  
ADC\_OUTB2  
ADC\_OUTC2  
ADC\_OUTC1  
ADC\_OUTA2  
12 POS ADC Header  
3M156375-12-ND

P6  
1  
2  
2 Pos Power Header  
3M156375-02-ND  
TP1  
+3.3V\_AN  
R4 90.9R  
AGND  
P3  
1  
2  
2Pos Power Connector  
WM4900-ND  
AGND

Title			
Thermistor Expansion Bottom Board Connectors			
Size	Number	Revision	
A		04	
Date:	2020-05-16	Sheet	of
File:	C:\Users\...\Data_Conversion_BottomBoard	Drawn By:	Will McKnight



