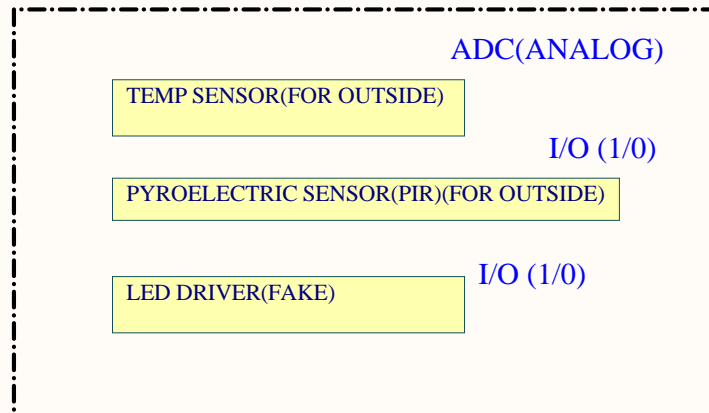
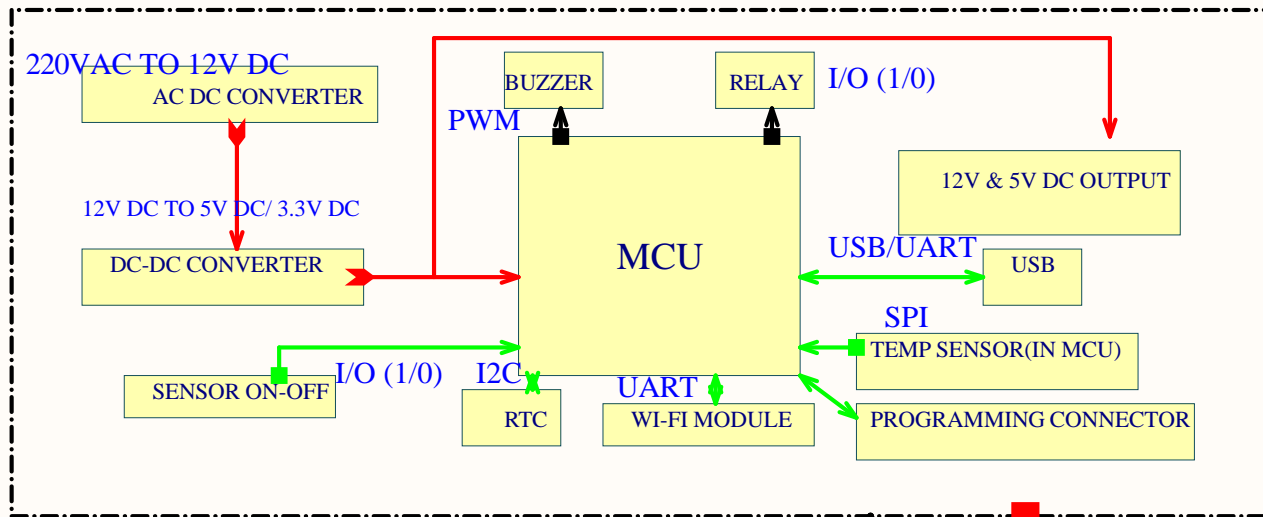


1		2		3		4	
A							A
B							B
C							C
D							D
1		2		3		4	

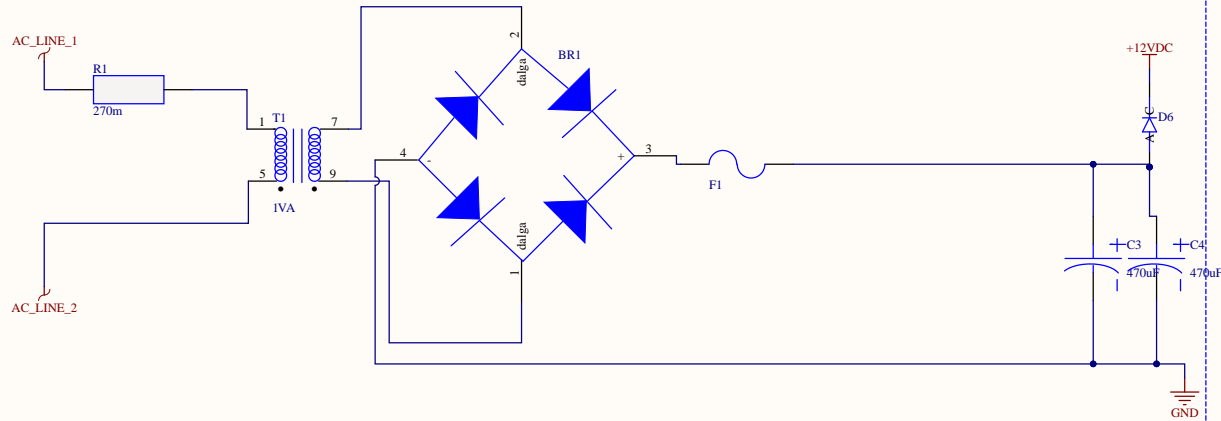
Title		
Size A4	Number	Revision
Date:	9.07.2021	Sheet of
File:	C:\Users\...\Cover.SchDoc	Drawn By:

Title		
Size A4	Number	Revision
Date:	9.07.2021	Sheet of
File:	C:\Users\...\Cover.SchDoc	Drawn By:

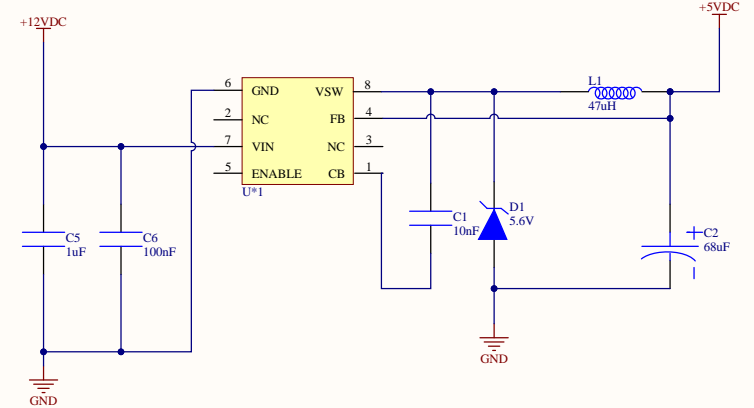


COMPONENTS:
 RTC: M41T00
 WIFI MODULE: ESP32-WROOM-32E(4MB)
 PYRO SENSOR: LHI 878/3902
 TEMPERATURE OUTSIDE: TFPT1206L1002FM
 TEMPERATURE INSIDE: MAX6662MSA+
 MCU: STM32F103C6T6A
 RELAY: ALQ112
 BUZZER: CMI-9605IC-0580T
 SENSOR ON/OFF: EG1215AA
 AC-DC CONVERTER:
 TRAFO: BV302S12010-ZU
 BRIDGE DIODES: DB105STR
 DC-DC CONVERTER: 5VDCLM2675MX-12/NOPB
 3.3VDC: AP7361-33E-13
 LED DRIVER MOSFET: SSM3K35R,LF

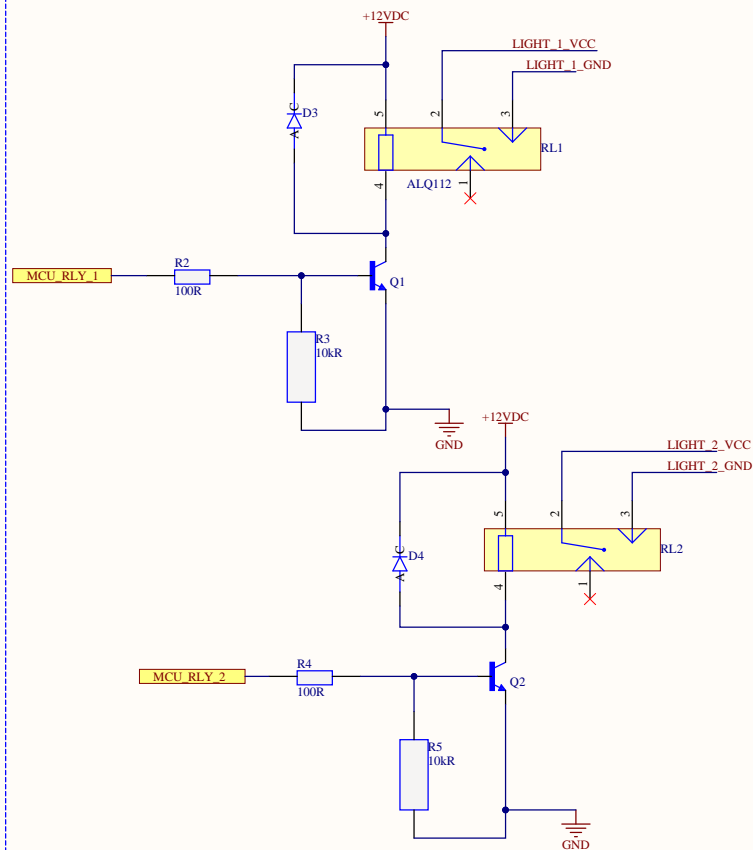
AC-DC CONVERTER



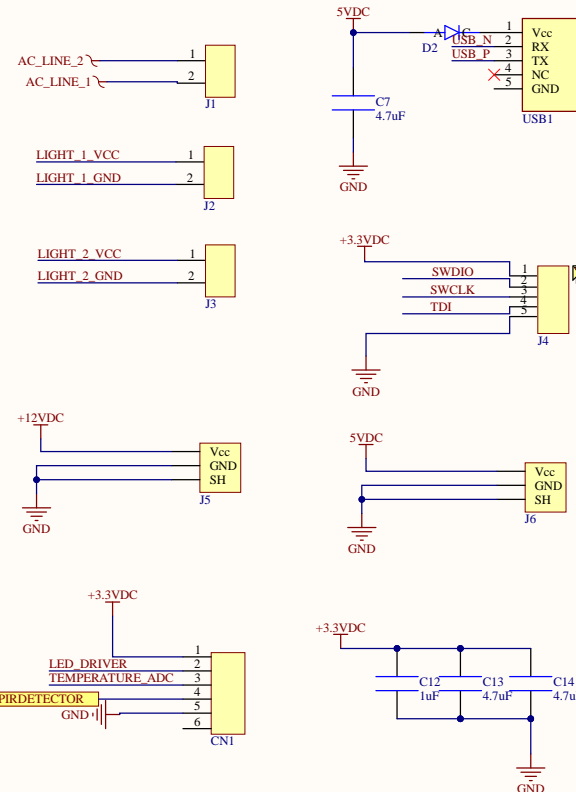
12VDC-5VDC CONVERTER



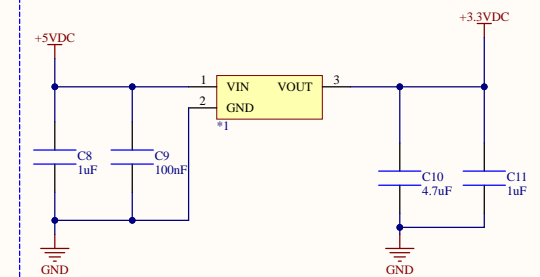
RELAY



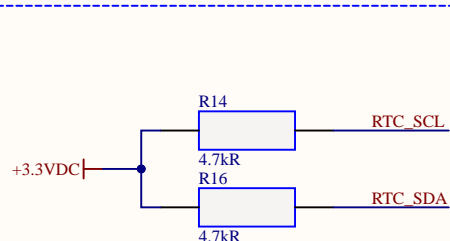
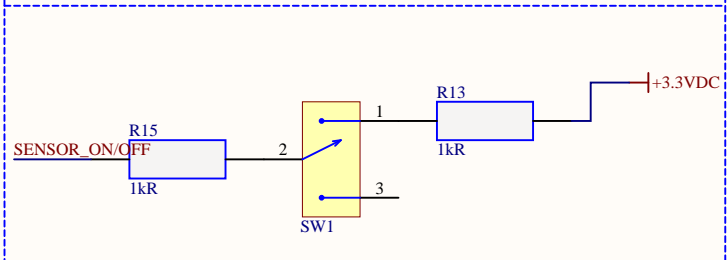
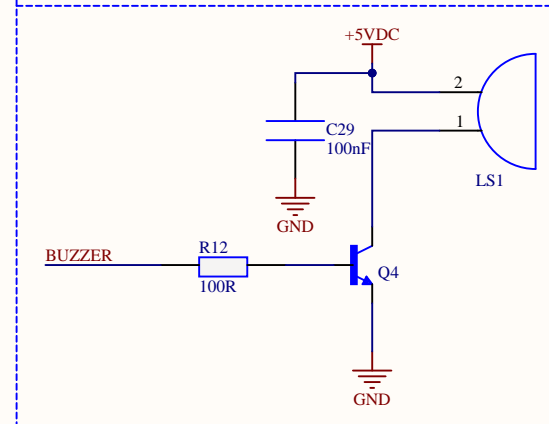
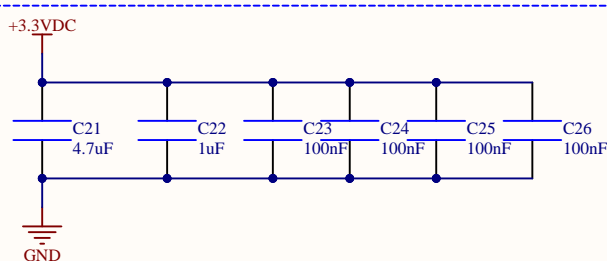
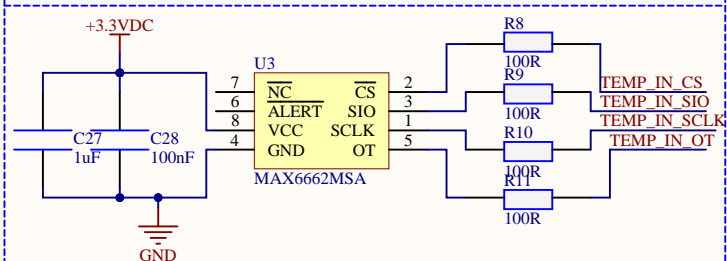
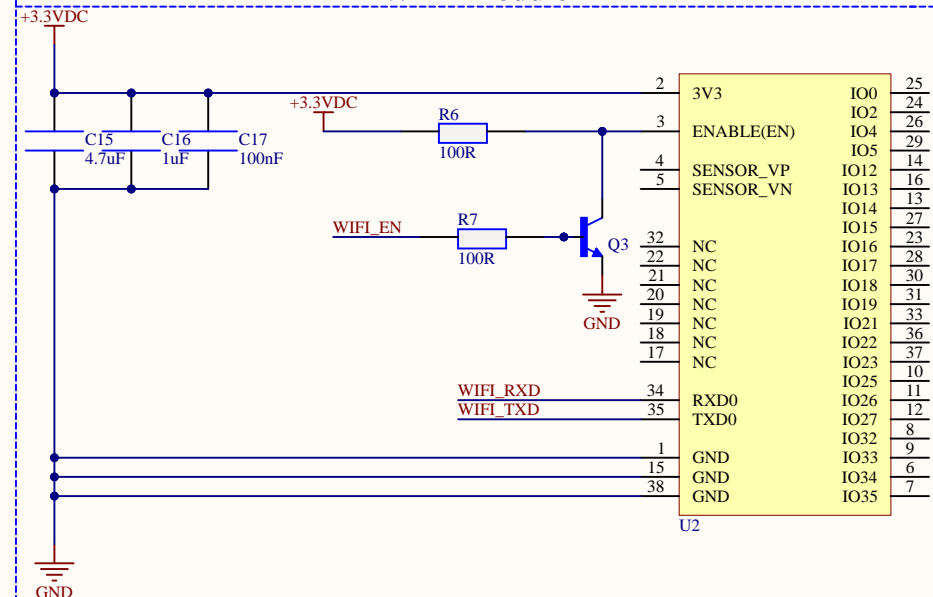
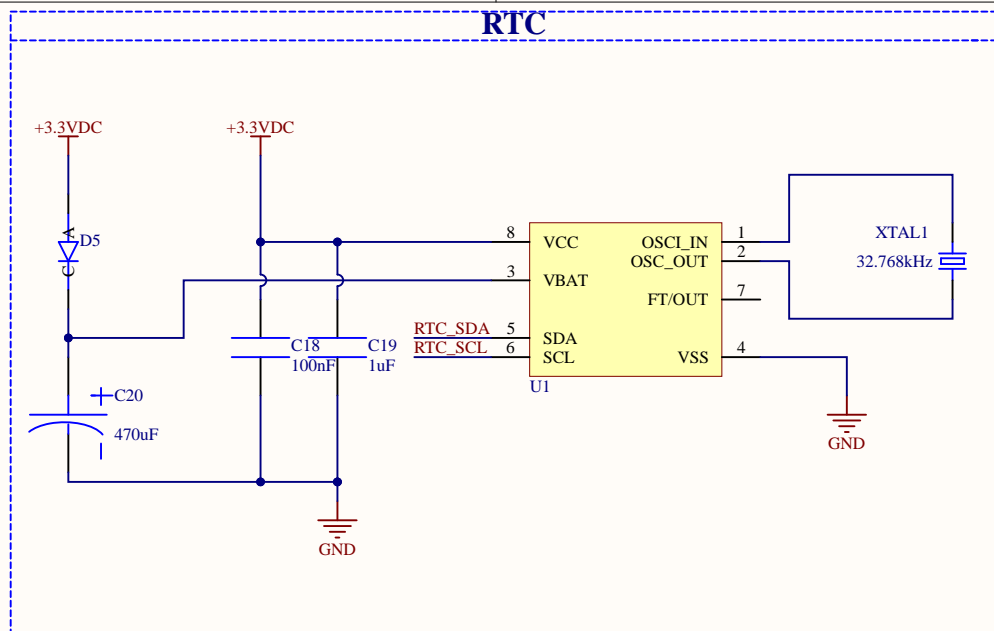
CONNECTORS



5VDC-3.3VDC CONVERTER

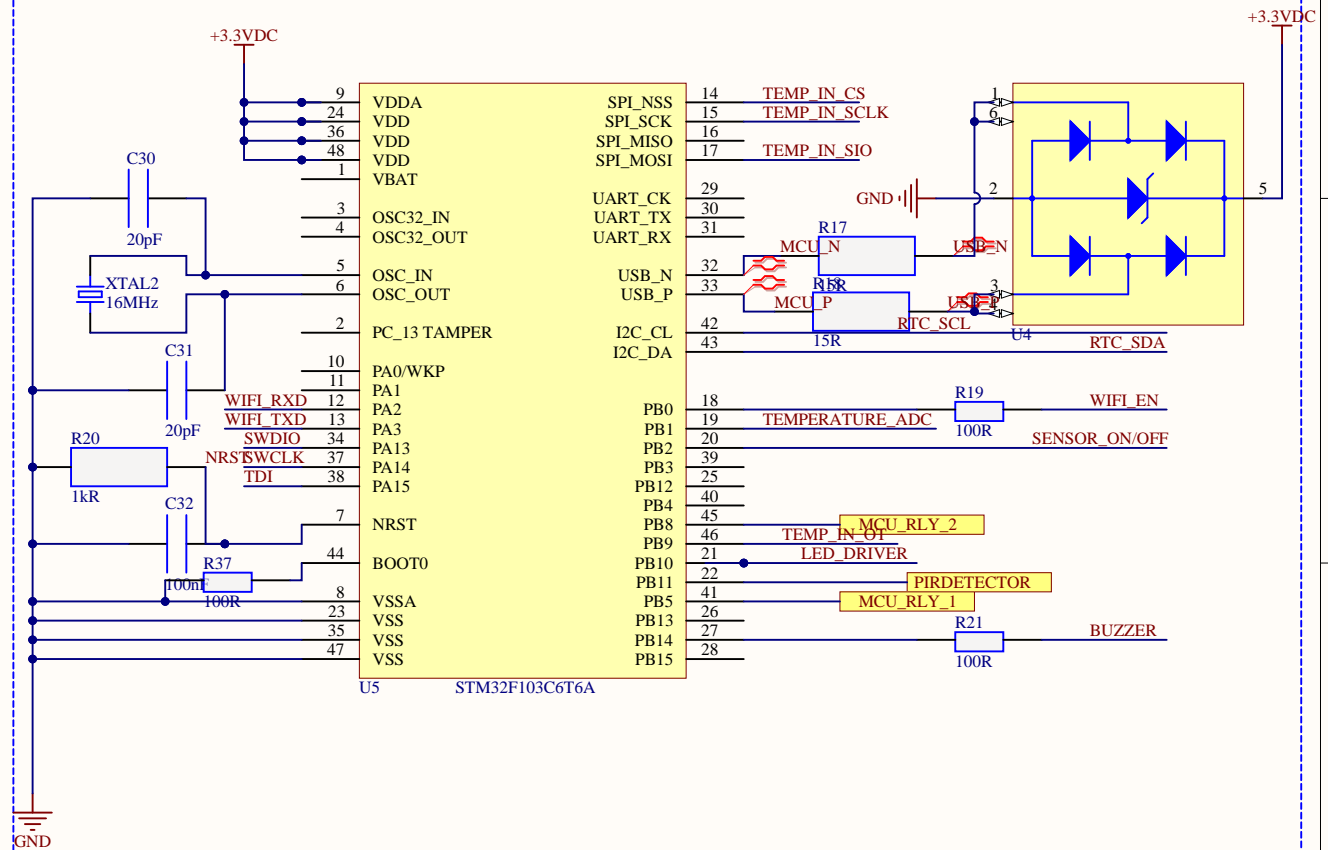


Title		
Size	Number	Revision
A3		
Date:	9.07.2021	Sheet of
File:	C:\Users\...\Power Management.SchDoc	Drawn By:



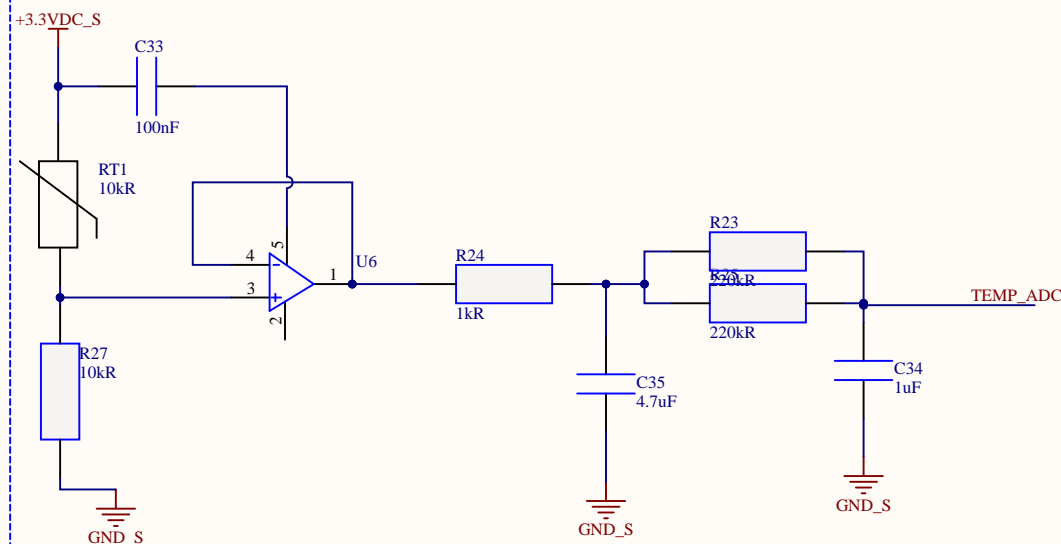
Title		
Size A4	Number	Revision
Date:	9.07.2021	Sheet of
File:	C:\Users\...\Connections.SchDoc	Drawn By:

MCU

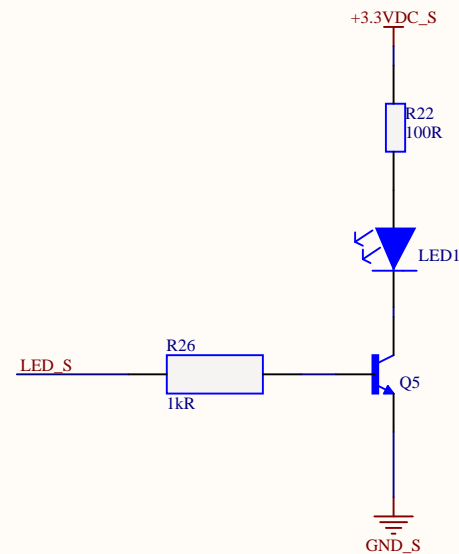


Title		
Size	Number	Revision
A4		
Date:	9.07.2021	Sheet of
File:	C:\Users\...\Microcontroller.SchDoc	Drawn By:

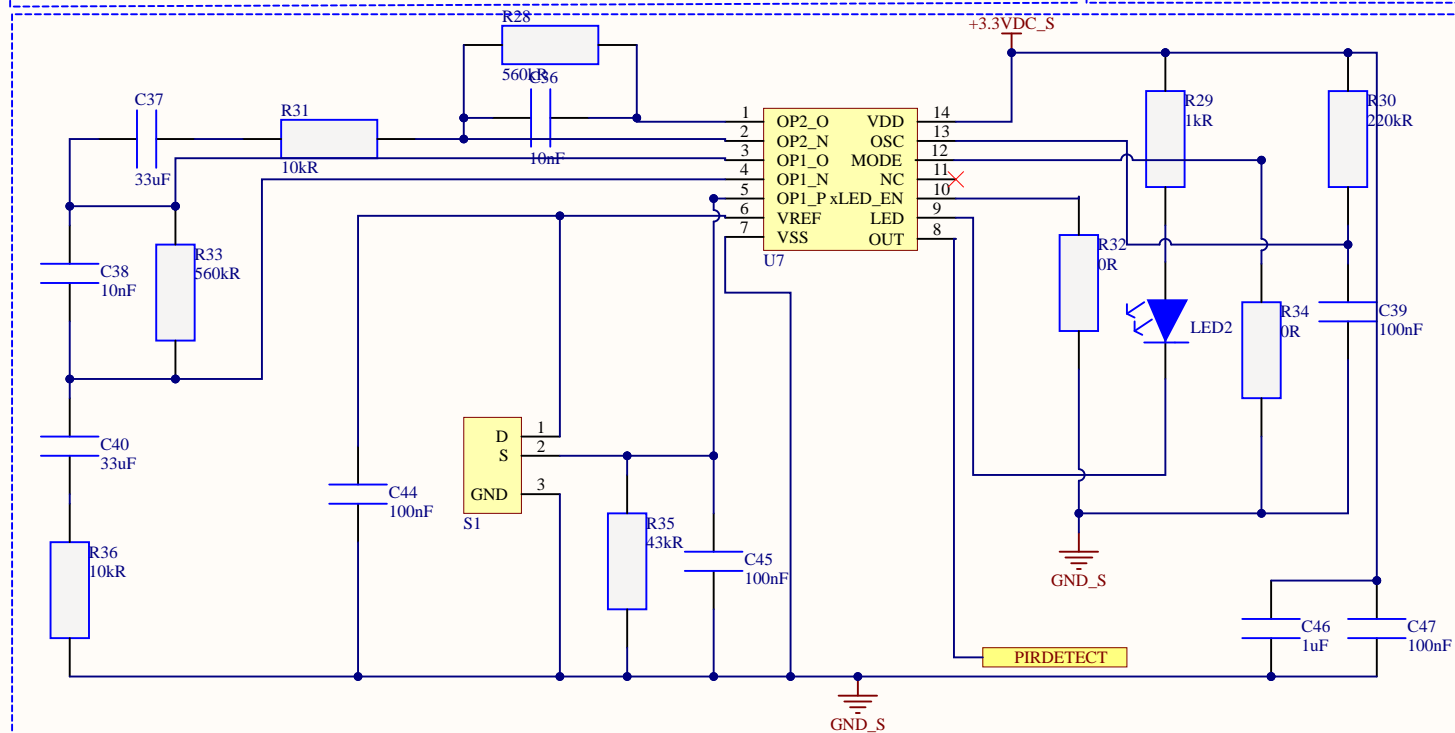
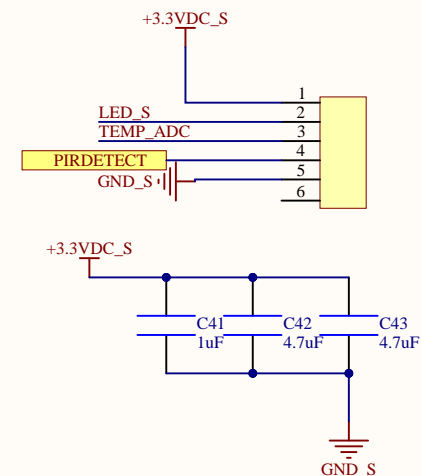
TEMPERATURE SENSOR AND FILTER



LED DRIVER



CONNECTOR



Board Stack Report