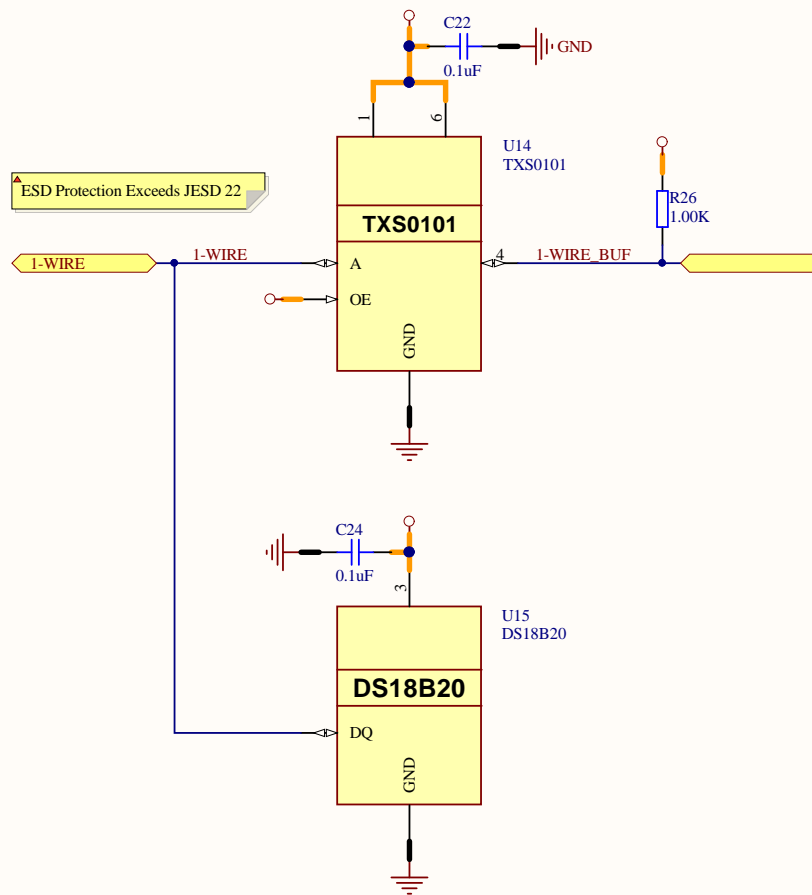
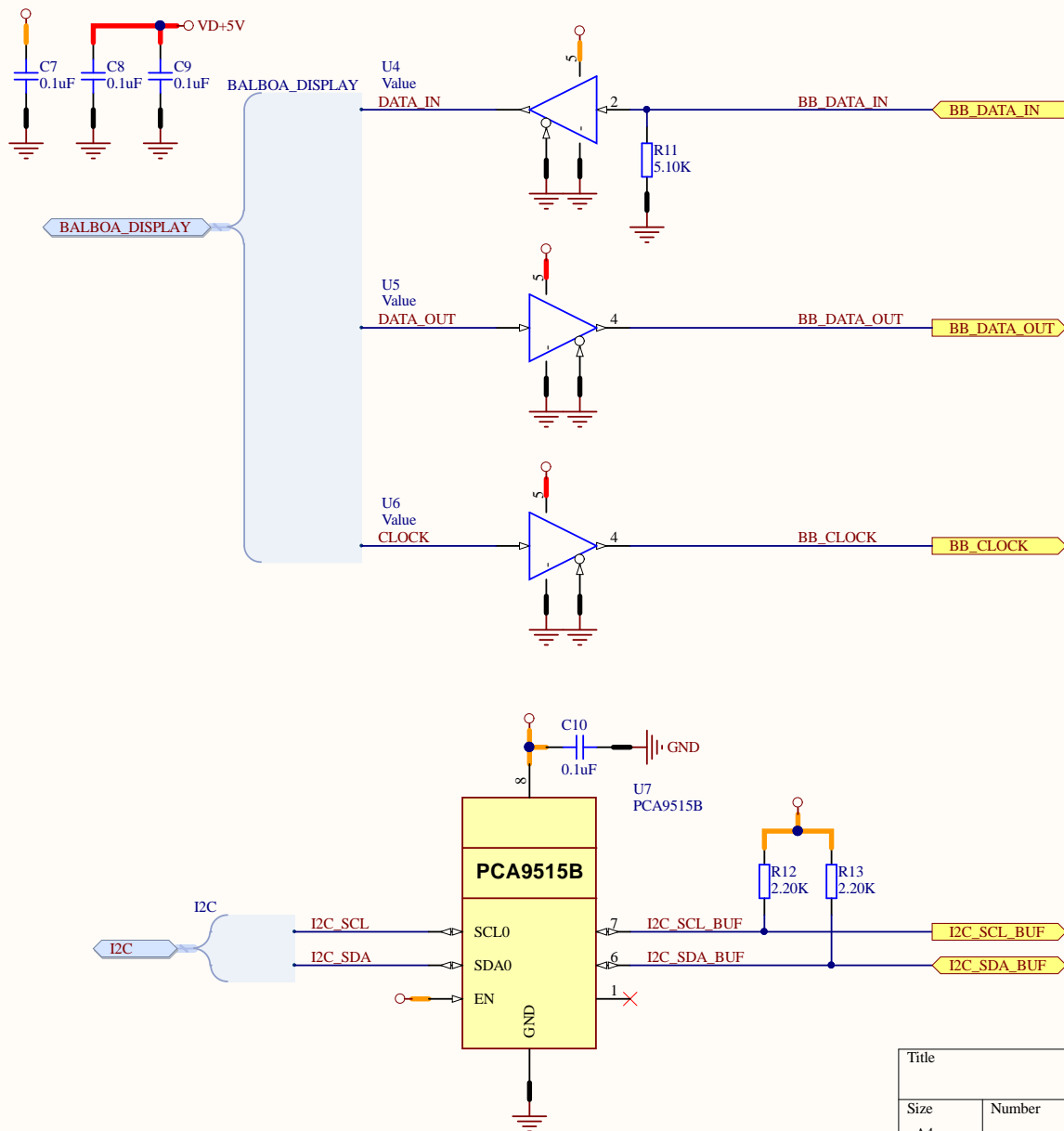


VD+3.3V



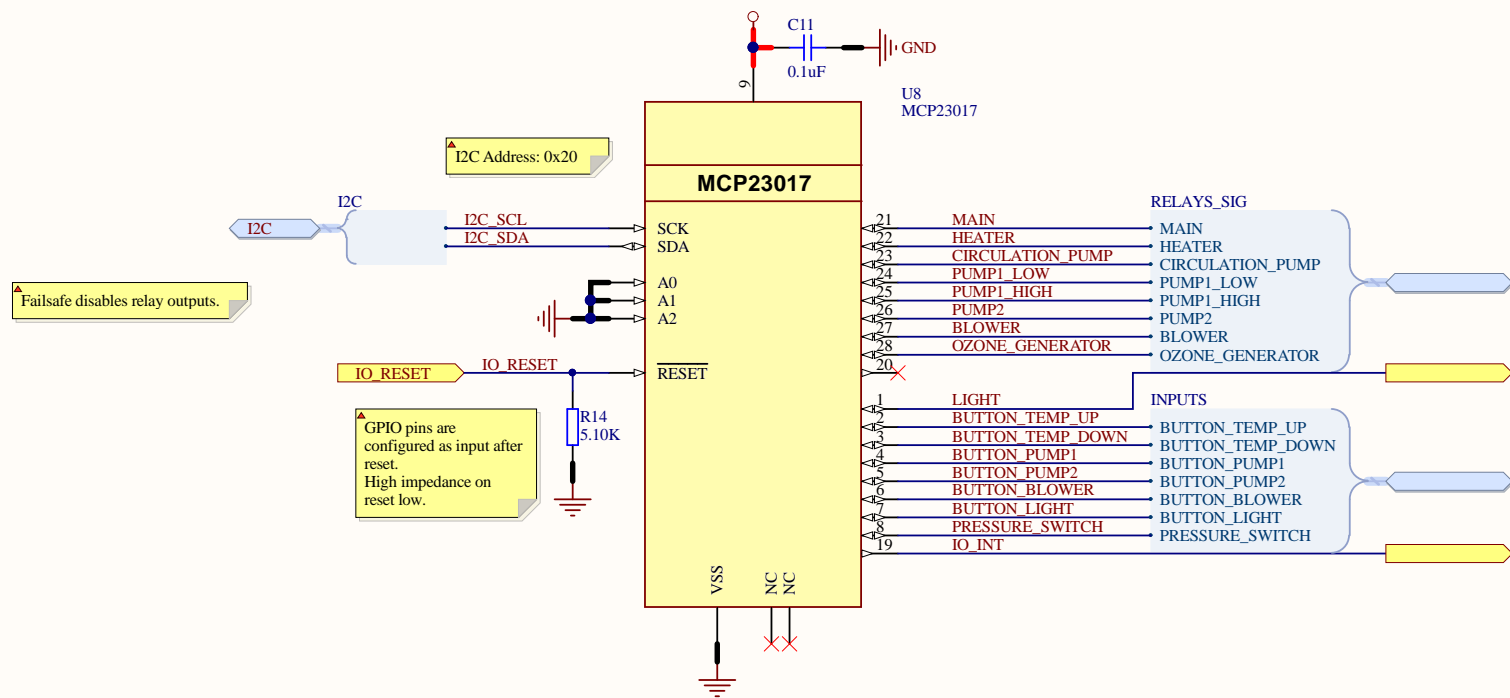
Title		
Size	Number	Revision
A4		
Date:	30-Apr-20	Sheet of
File:	E:\Development\...\1-Wire_Interface.SchDoc	Drawn By:

VD+5V
VD+3.3V

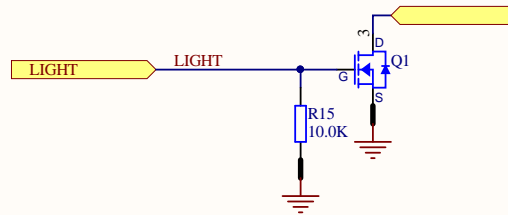


Title		
Size	Number	Revision
A4		
Date:	30-Apr-20	Sheet of
File:	E:\Development\...\Display.SchDoc	Drawn By:

VD+5V — VD+5V

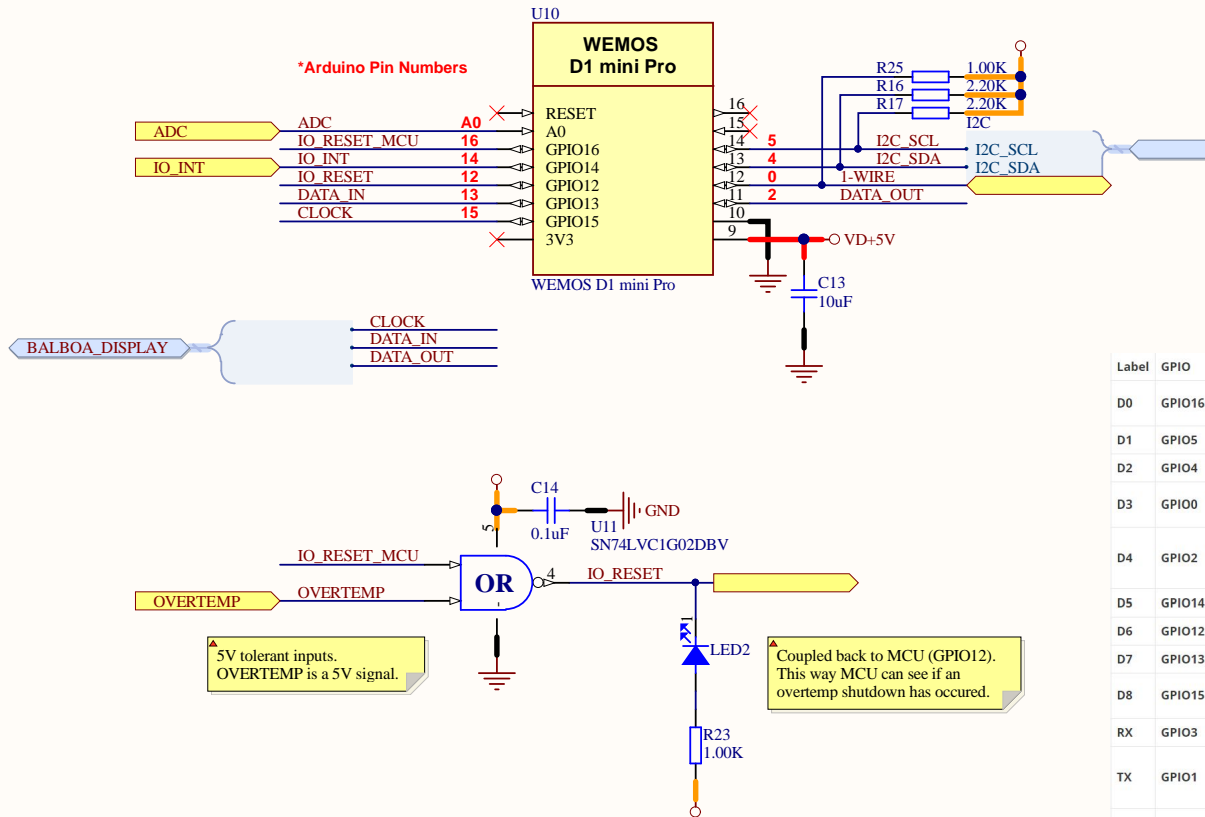


Title		
Size	Number	Revision
A4		
Date:	30-Apr-20	Sheet of
File:	E:\Development\IO_Expander.SchDoc	Drawn By:



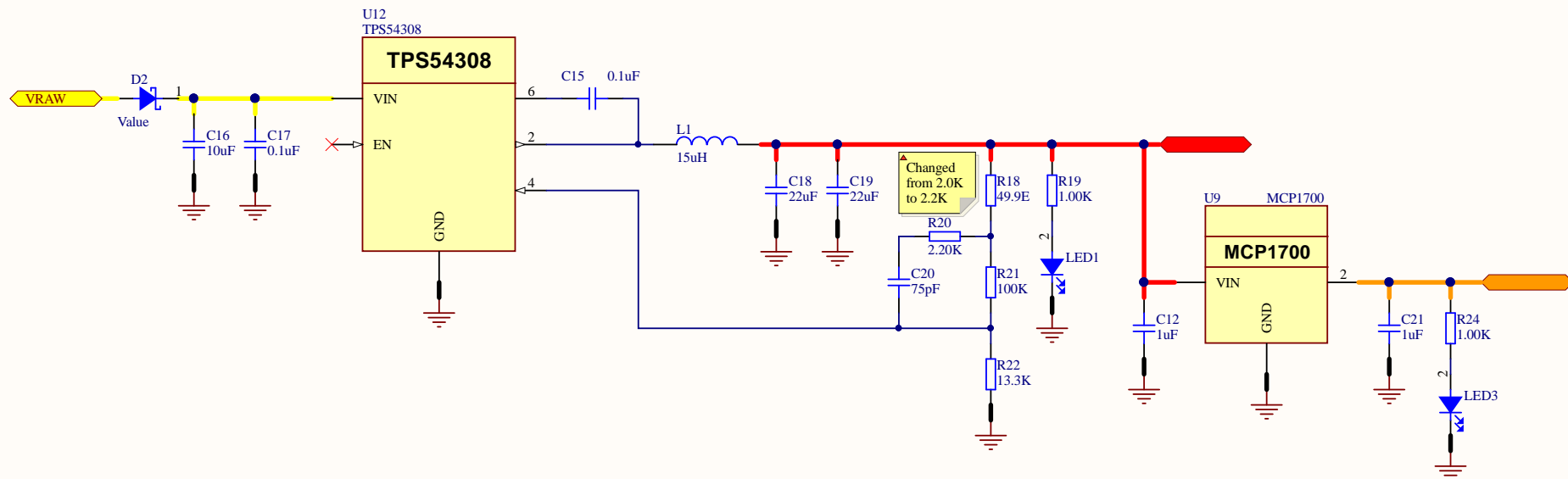
Title		
Size A4	Number	Revision
Date:	30-Apr-20	Sheet of
File:	E:\Development\...\Light_Driver.SchDoc	Drawn By:

VD+5V — VD+5V



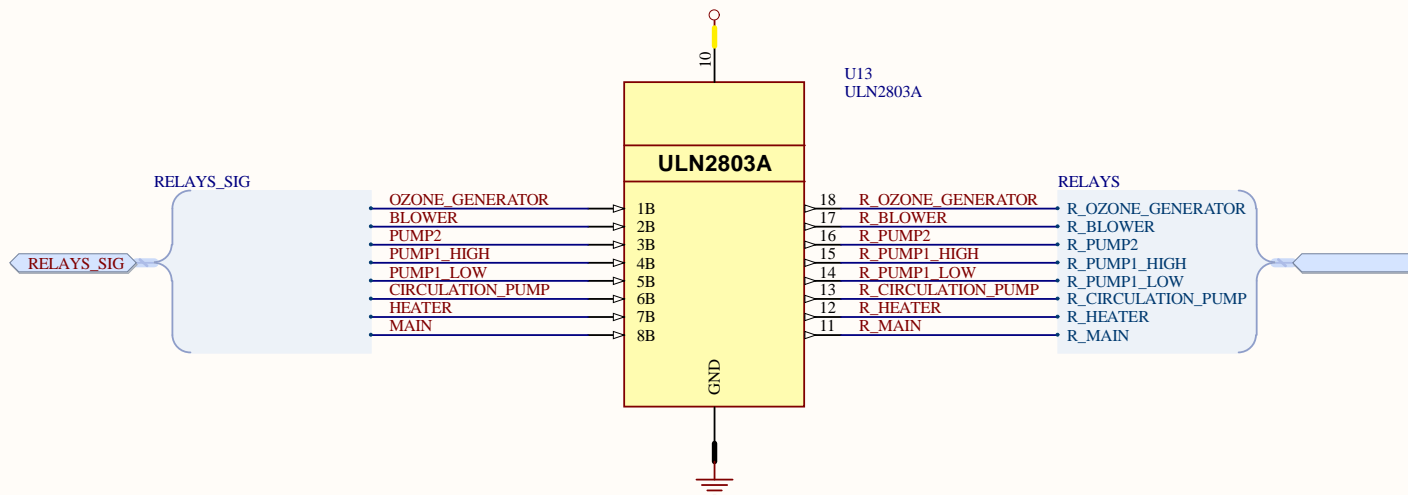
Label	GPIO	Input	Output	Notes
D0	GPIO16	no interrupt	no PWM or I2C support	HIGH at boot used to wake up from deep sleep
D1	GPIO5	OK	OK	often used as SCL (I2C)
D2	GPIO4	OK	OK	often used as SDA (I2C)
D3	GPIO0	pulled up	OK	connected to FLASH button, boot fails if pulled LOW
D4	GPIO2	pulled up	OK	HIGH at boot connected to on-board LED, boot fails if pulled LOW
D5	GPIO14	OK	OK	SPI (SCLK)
D6	GPIO12	OK	OK	SPI (MISO)
D7	GPIO13	OK	OK	SPI (MOSI)
D8	GPIO15	pulled to GND	OK	SPI (CS) Boot fails if pulled HIGH
RX	GPIO3	OK	RX pin	HIGH at boot
TX	GPIO1	TX pin	OK	HIGH at boot debug output at boot, boot fails if pulled LOW
A0	ADC0	Analog Input	X	

Title		
Size	Number	Revision
A4		
Date:	30-Apr-20	Sheet of
File:	E:\Development\...\Microcontroller.SchDoc	Drawn By:



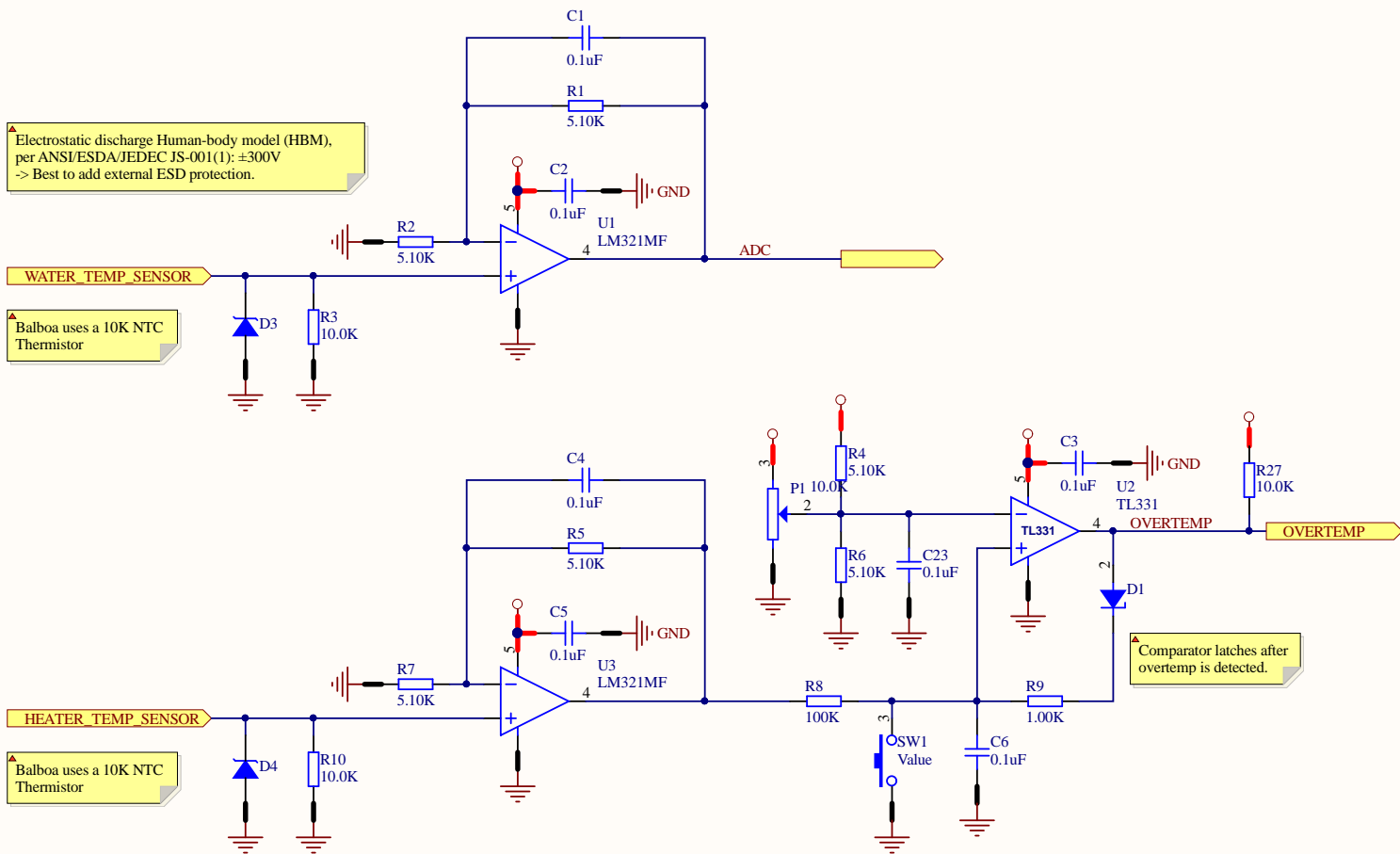
Title		
Size A4	Number	Revision
Date:	30-Apr-20	Sheet of
File:	E:\Development\...\Power.SchDoc	Drawn By:

VRAW



Title		
Size	Number	Revision
A4		
Date:	30-Apr-20	Sheet of
File:	E:\Development\...\Relay_Buffer.SchDoc	Drawn By:

VD+5V



Title		
Size	Number	Revision
A4		
Date:	30-Apr-20	Sheet of
File:	E:\Development\Thermistor_Input_Sch	Drawn By:

