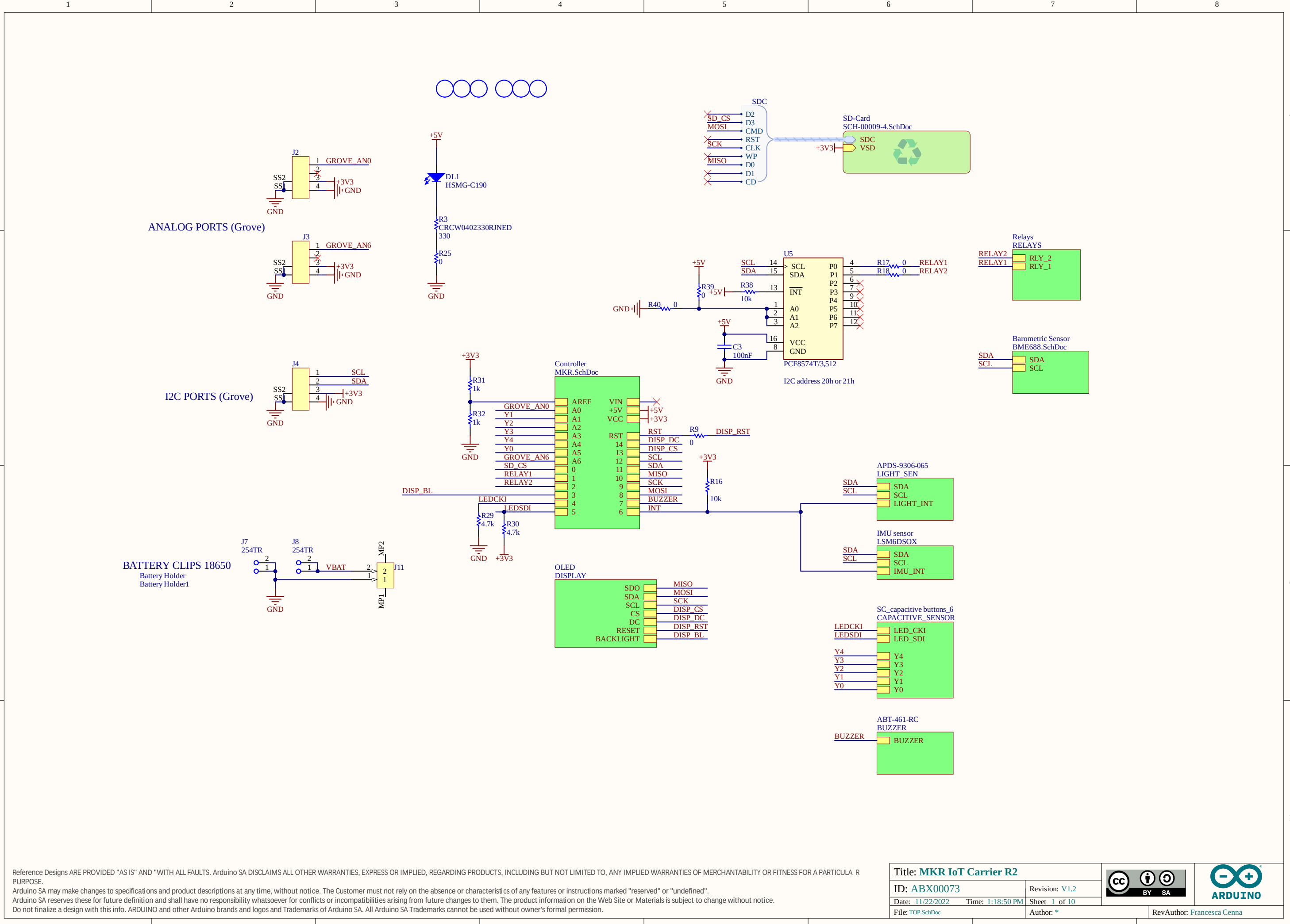
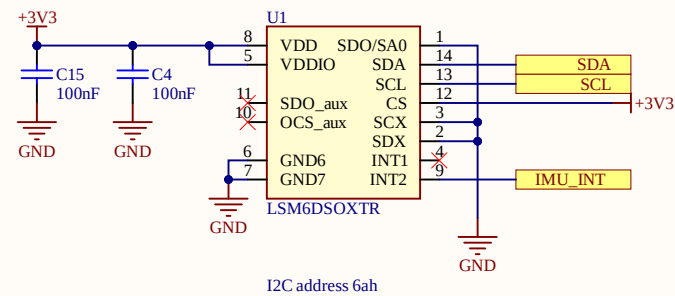


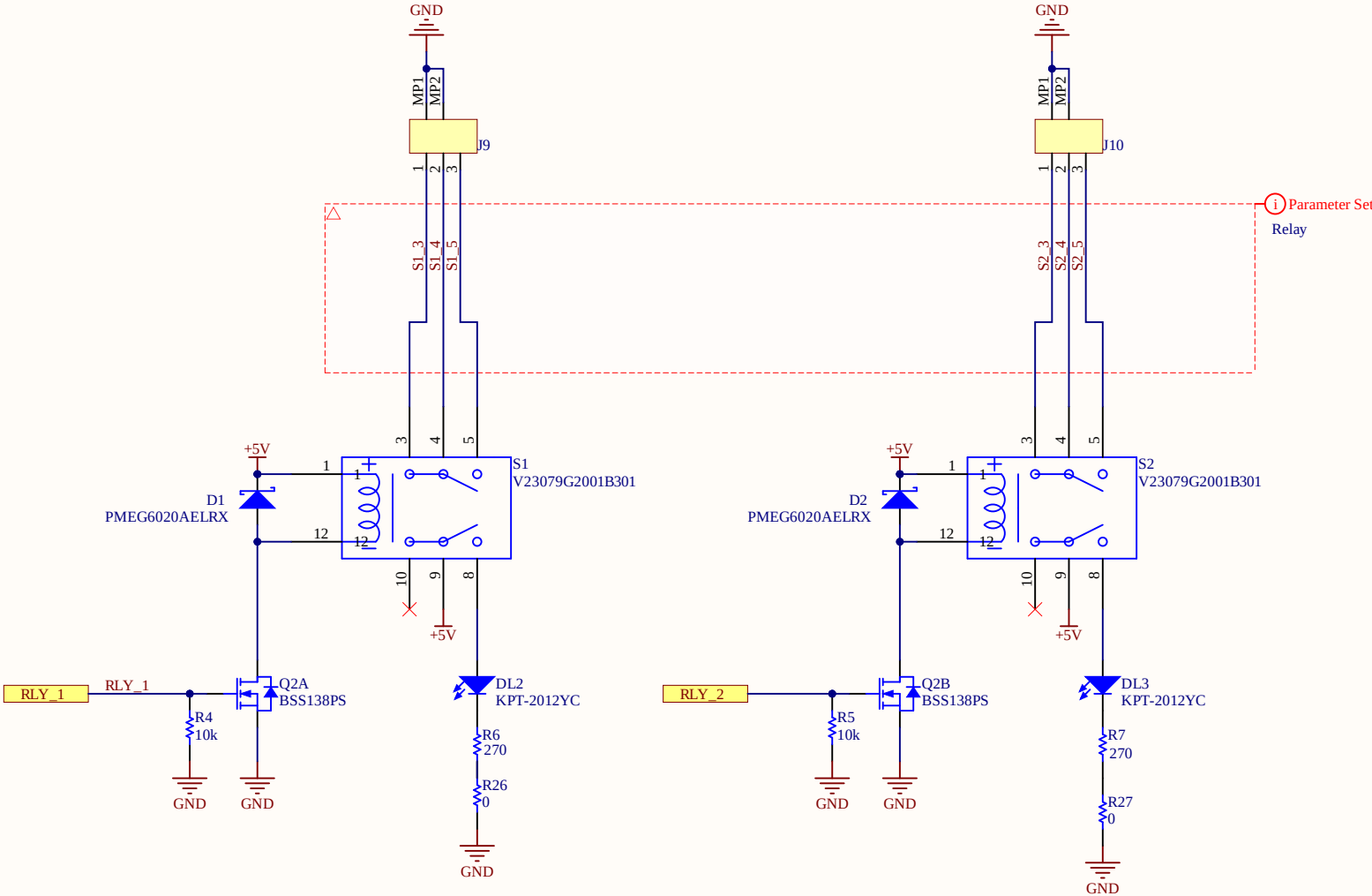


IMU SENSOR



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RELAYS

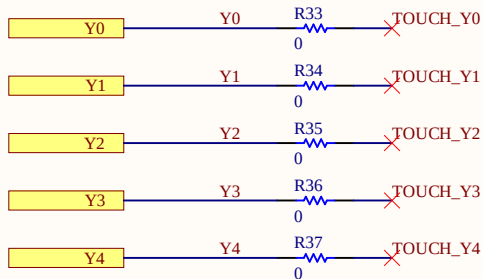
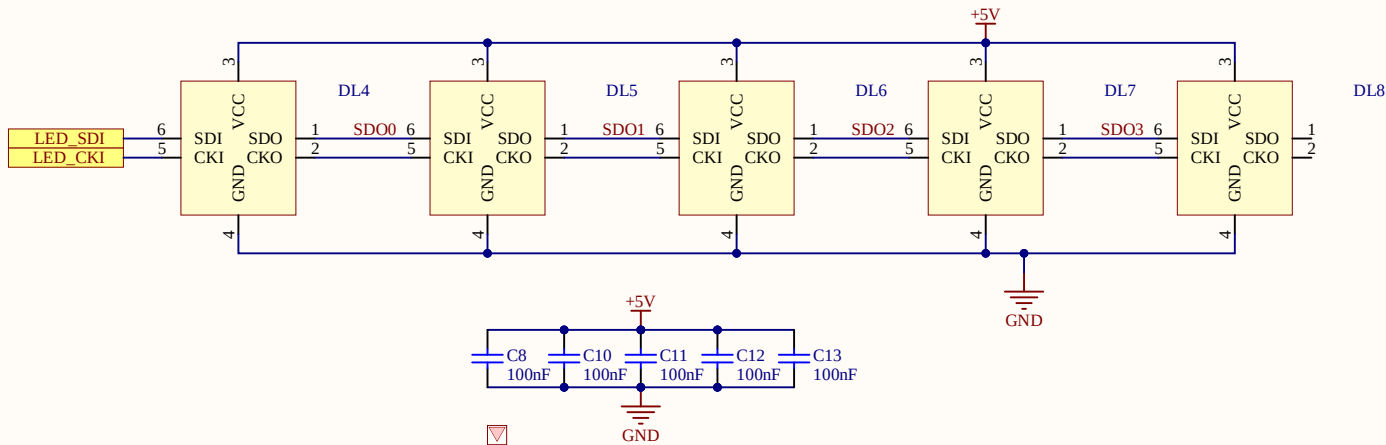


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TOUCH SENSORS AND RGB LEDs



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Title: **MKR IoT Carrier R2**

ID: **ABX00073**

Date: **11/22/2022** Time: **1:19:04 PM**

File: **CAPACITIVE_SENSOR.SchDoc**

Revision: **V1.2**

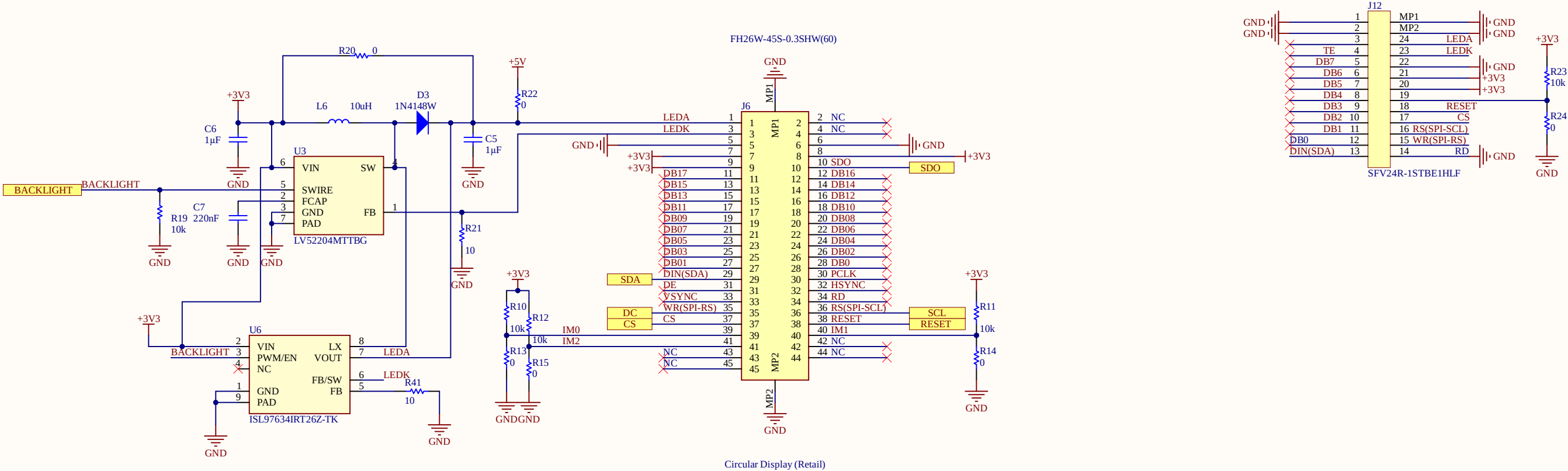
Sheet **4** of **10**

Author: *****



RevAuthor: **Francesca Cenna**

DISPLAY



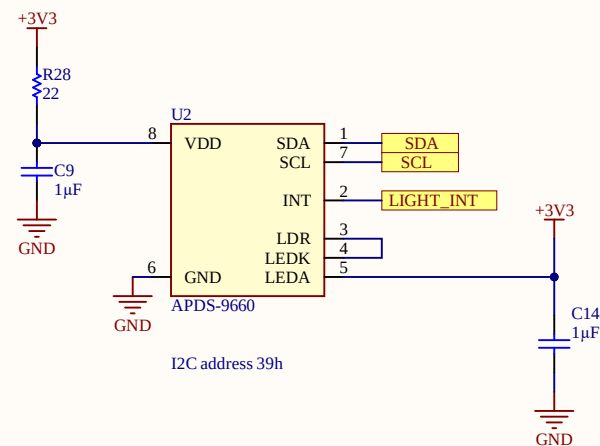
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AMBIENT LIGHT SENSOR



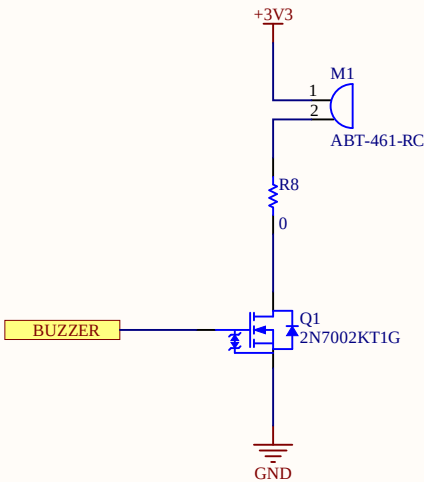
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Title: MKR IoT Carrier R2				
ID: ABX00073	Revision: V1.2			
Date: 11/22/2022	Time: 1:19:13 PM	Sheet 6 of 10		
File: LIGHT_SEN.SchDoc		Author: *	RevAuthor: Francesca Cenna	

BUZZER



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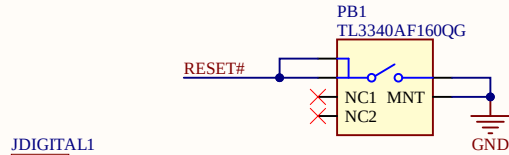
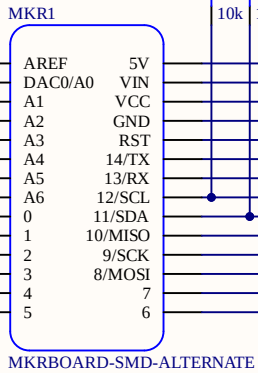
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Title: MKR IoT Carrier R2				
ID: ABX00073		Revision: V1.2		
Date: 11/22/2022	Time: 1:19:18 PM	Sheet 7 of 10	RevAuthor: Francesca Cenna	
File: BUZZER.SchDoc		Author: *		

AREF	PA03_VREFA
A0	PA02_AIN0
A1	PB02_AIN10
A2	PB03_AIN11
A3	PA04_AIN4
A4	PA05_AIN5
A5	PA06_AIN6
A6	PA07_AIN7
A6	PA22_TC4-W0
0	PA23_TC4-W1
1	PA10_TCC0-W2
2	PA11_TCC0-W3
3	PB10_TCC0-W4
4	PB11_TCC0-W5
5	

AREF	1 PA03_VREFA
A0	2 PA02_AIN0
A1	3 PB02_AIN10
A2	4 PB03_AIN11
A3	5 PA04_AIN4
A4	6 PA05_AIN5
A5	7 PA06_AIN6
A6	8 PA07_AIN7
A6	9 PA22_TC4-W0
0	10 PA23_TC4-W1
1	11 PA10_TCC0-W2
2	12 PA11_TCC0-W3
3	13 PB10_TCC0-W4
4	14 PB11_TCC0-W5
5	

21TW-547



RESET#	RST
PB22_S5_TX	14
PB23_S5_RX	13
PA09_S0_I2C_SCL	12
PA08_S0_I2C_SDA	11
PA19_S1_MISO	10
PA17_S1_SCK	9
PA16_S1_MOSI	8
PA21_TCC0-W7	7
PA20_TCC0-W6	6

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Title: **MKR IoT Carrier R2**

ID: **ABX00073**

Date: **11/22/2022** Time: **1:19:22 PM**

File: **MKR.SchDoc**

Revision: **V1.2**

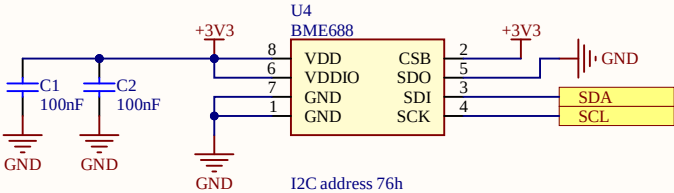
Sheet **8** of **10**

Author: *****



RevAuthor: **Francesca Cenna**

BAROMETRIC SENSOR

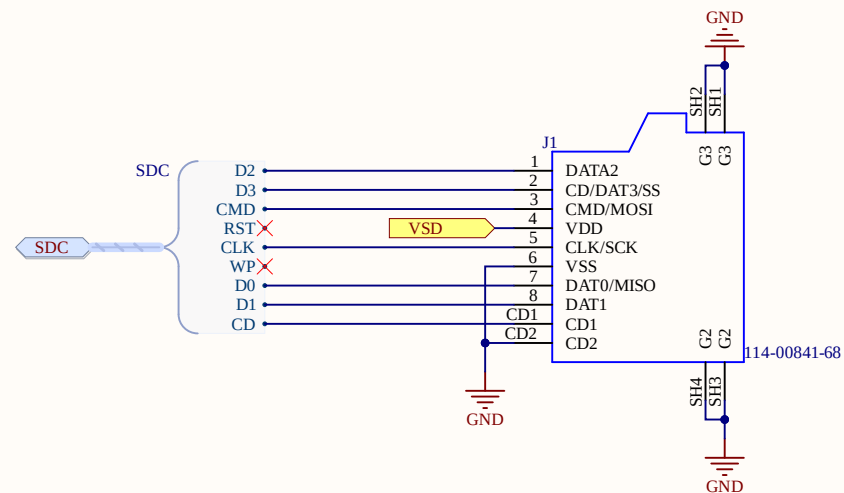


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Title: MKR IoT Carrier R2			
ID: ABX00073	Revision: V1.2		
Date: 11/22/2022 Time: 1:19:27 PM	Sheet 9 of 10		
File: BME688.SchDoc	Author: *	RevAuthor: Francesca Cenna	



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Title: SDConnector		 	
ID: *	Revision 0.1		
Date: 11/22/2022 Time: 1:19:31 PM	Sheet of *	RevAuthor: Francesca Cenna	
File: SCH-00009-4.SchDoc	Author:		