



Gastroscopy Controller

Gastroscopy Controller

14.11.2022

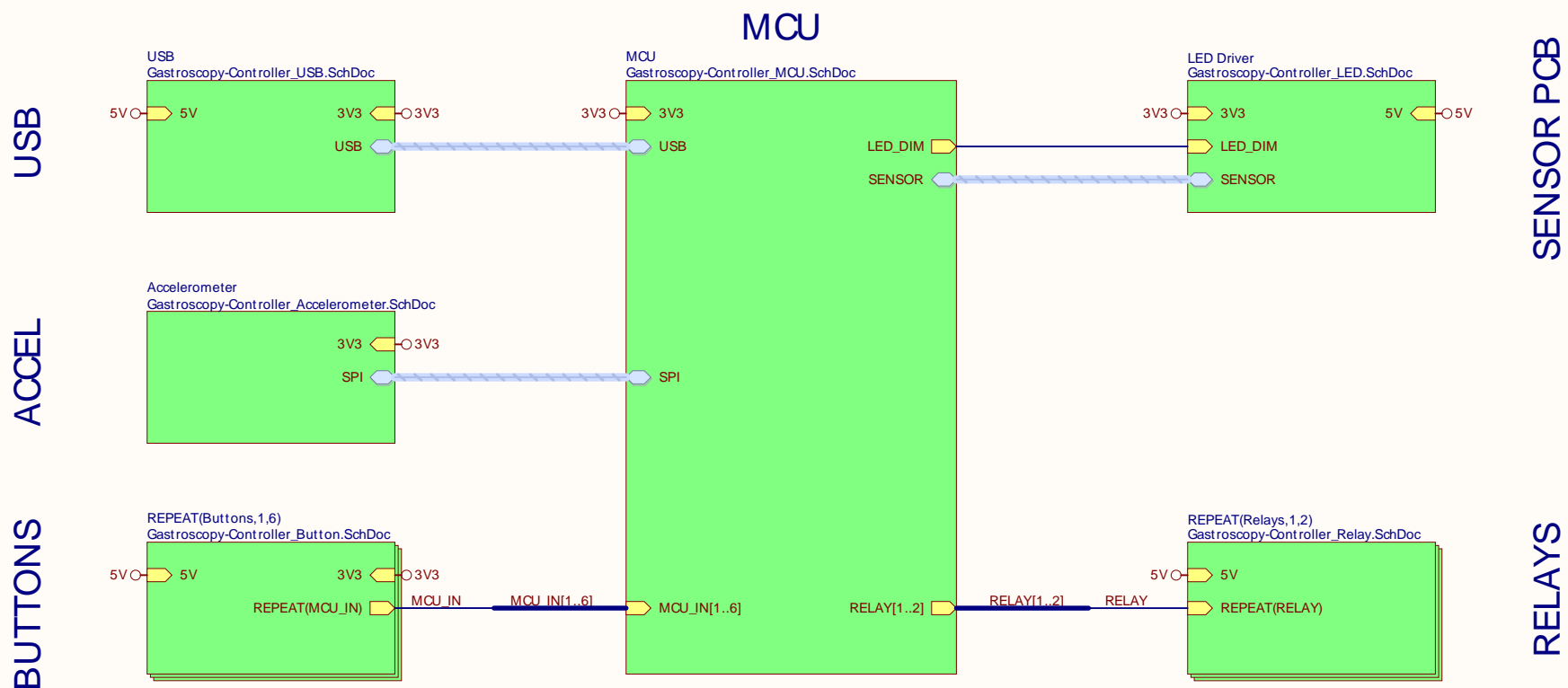
[Overview](#)
[Gastroscopy-Controller_Overview.SchDoc](#)


Company: MRobot, LLC

Project: Gastroscopy Controller

Jira Key: GSTRONTRL

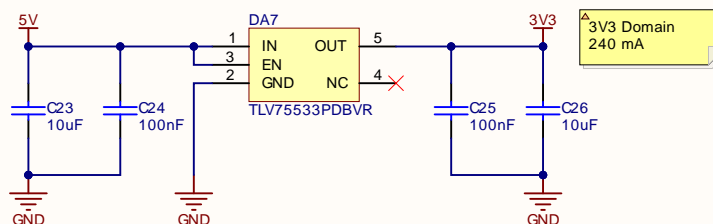
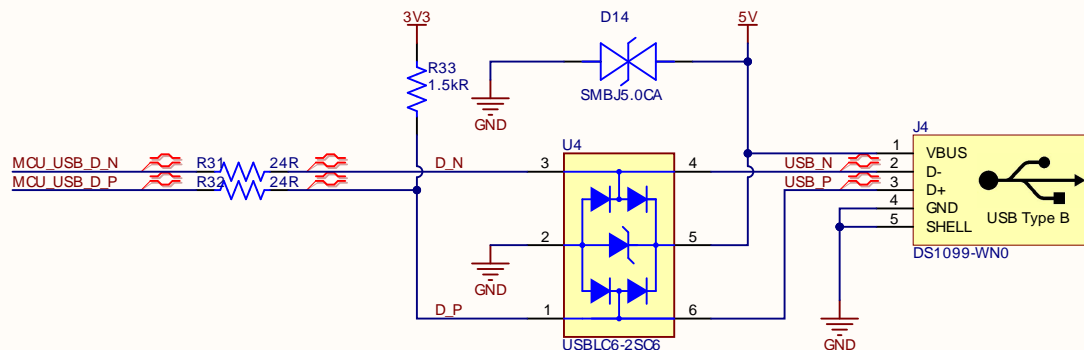
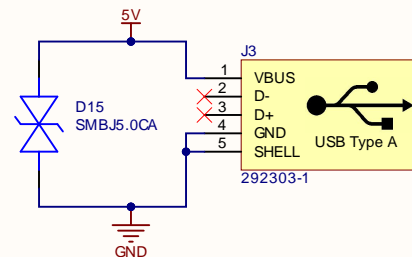
REVISION	DESCRIPTION	DATE	ECO	ENGINEER
0.1.0	Prototype	10/17/2022	0000	Podlesnyi V.S.




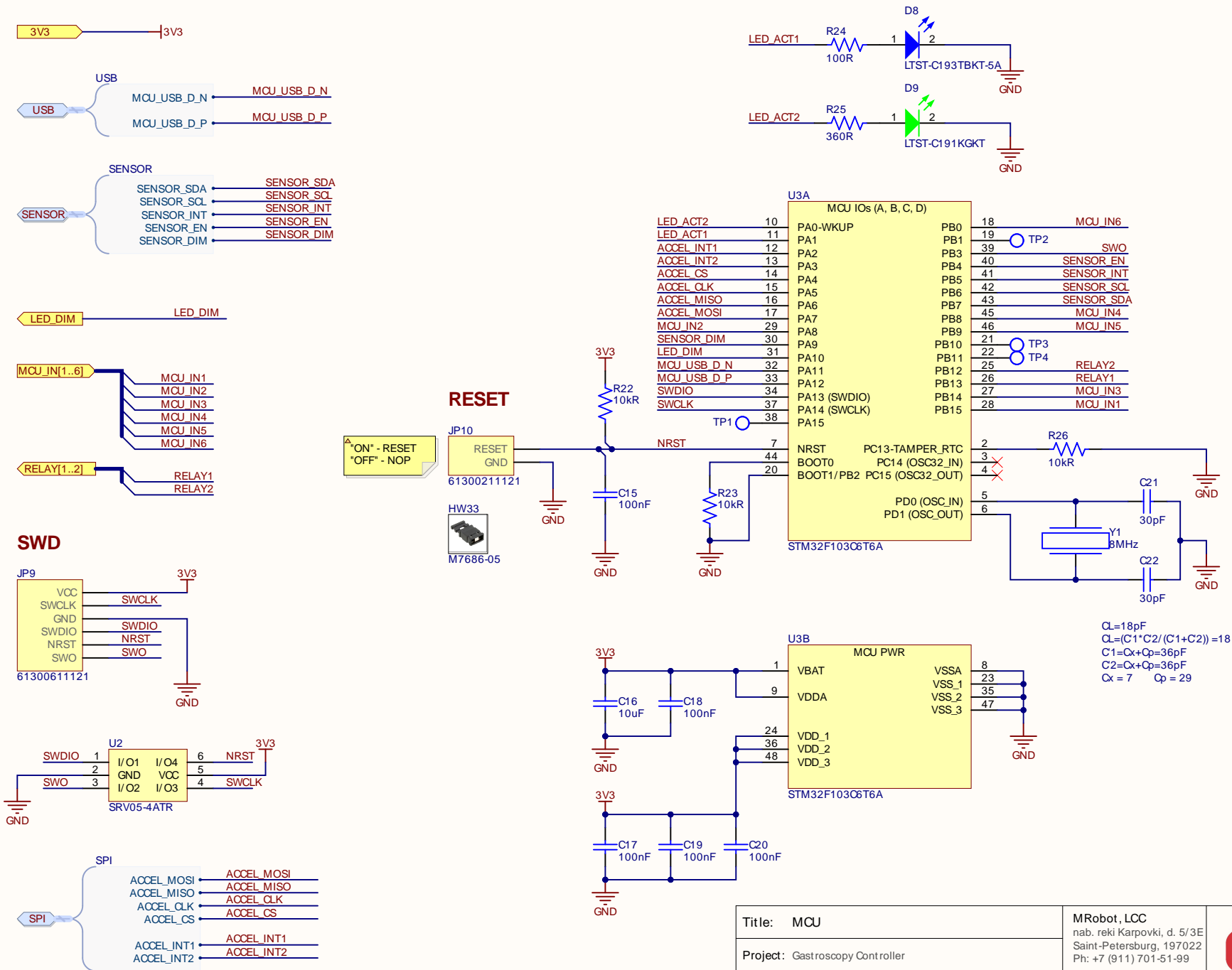
Title: Overview			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:22	Sheet 2 of 14		
File: Gastroscopy-Controller_Overview.SchDoc				


5V

3V3

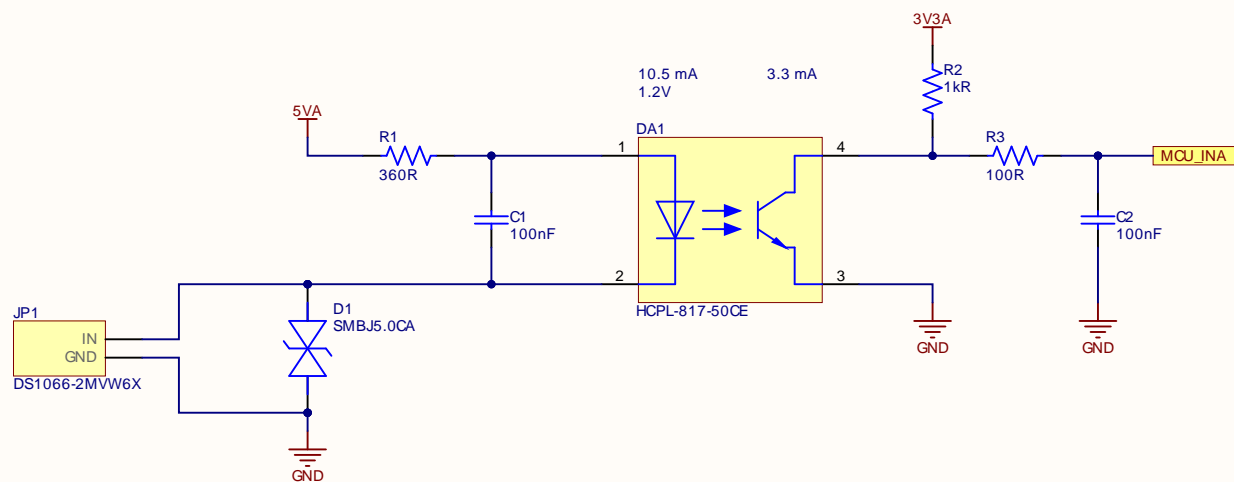


Title: USB			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:22	Sheet 3 of 14		
File: Gastroscopy-Controller_USB.SchDoc				



Title: MCU			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:22	Sheet 4 of 14		
File: Gastroscopy-Controller MCU.SchDoc				

5VA
3V3A



ADDITIONAL PARTS




HW1
DS1066-2-FCW



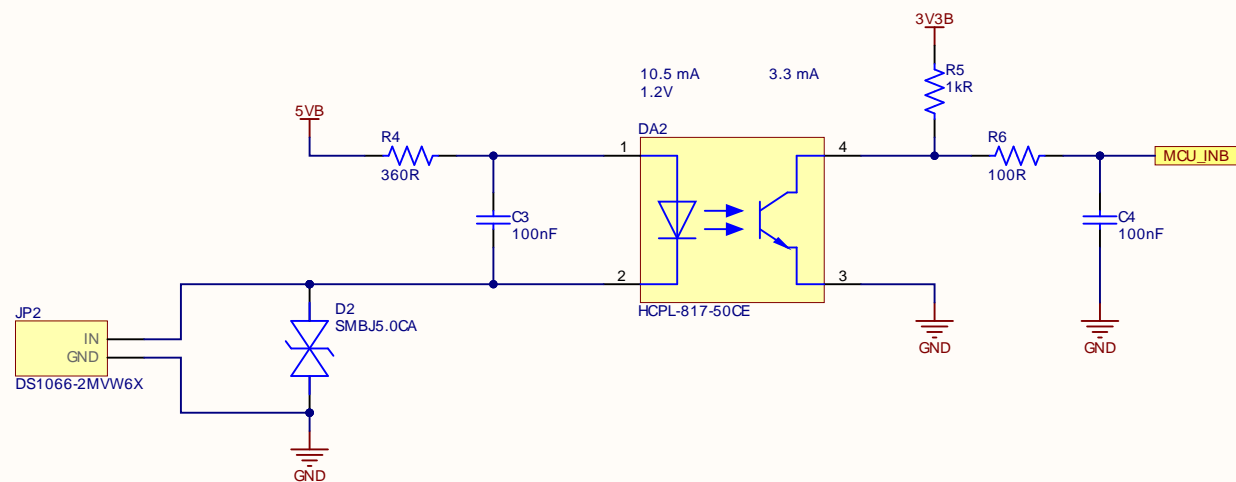
HW2
T-DS1066-SC600-N-019



HW3
T-DS1066-SC600-N-019

Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99
Project: Gastroscopy Controller			
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii
Date: 14.11.2022	Time: 8:48:23	Sheet 5 of 14	
File: Gastroscopy-Controller_Button.SchDoc			 www.mrobots.ru


5VB
3V3B



ADDITIONAL PARTS

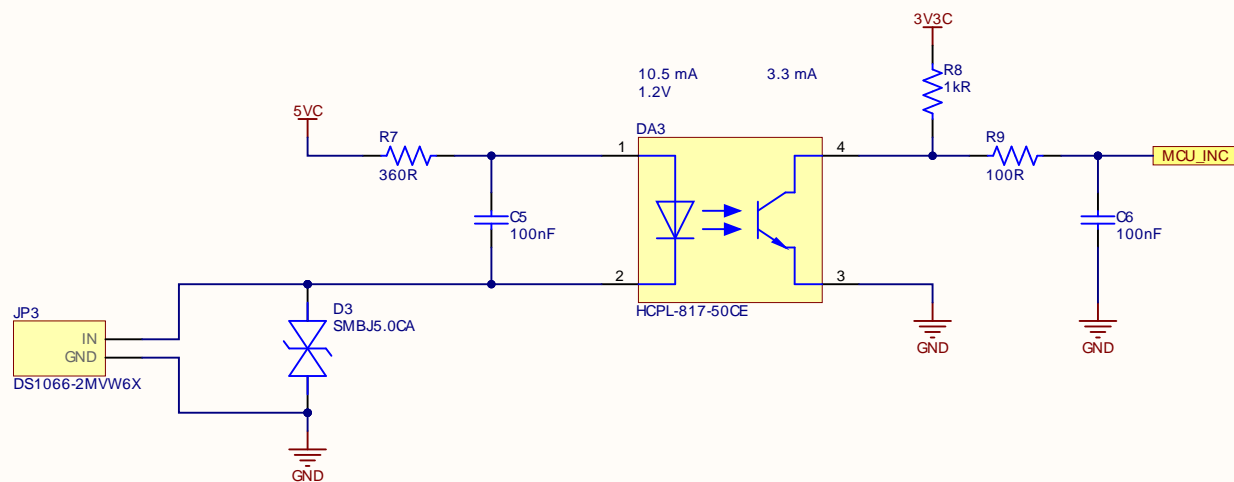


Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99
Project: Gastroscopy Controller			
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii
Date: 14.11.2022	Time: 8:48:23	Sheet 6 of 14	
File: Gastroscopy-Controller_Button.SchDoc			

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5VC

3V3C



ADDITIONAL PARTS



HW7
DS1066-2-FCW




HW8
T-DS1066-SC600-N-019

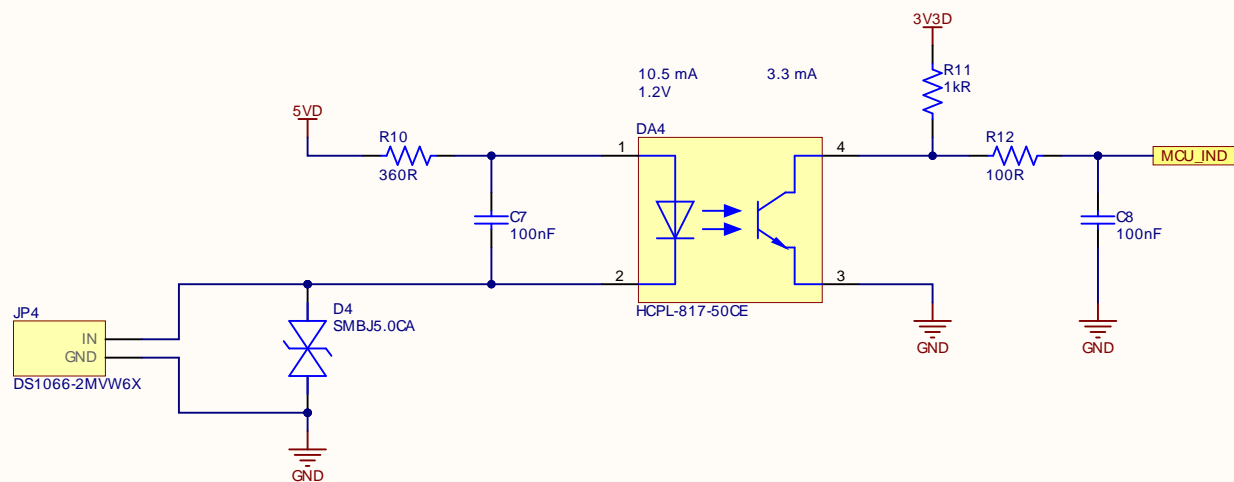


HW9
T-DS1066-SC600-N-019

Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99
Project: Gastroscopy Controller			
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasili
Date: 14.11.2022	Time: 8:48:23	Sheet 7 of 14	
File: Gastroscopy-Controller_Button.SchDoc			

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5VD
3V3D



ADDITIONAL PARTS




DS1066-2-FCW



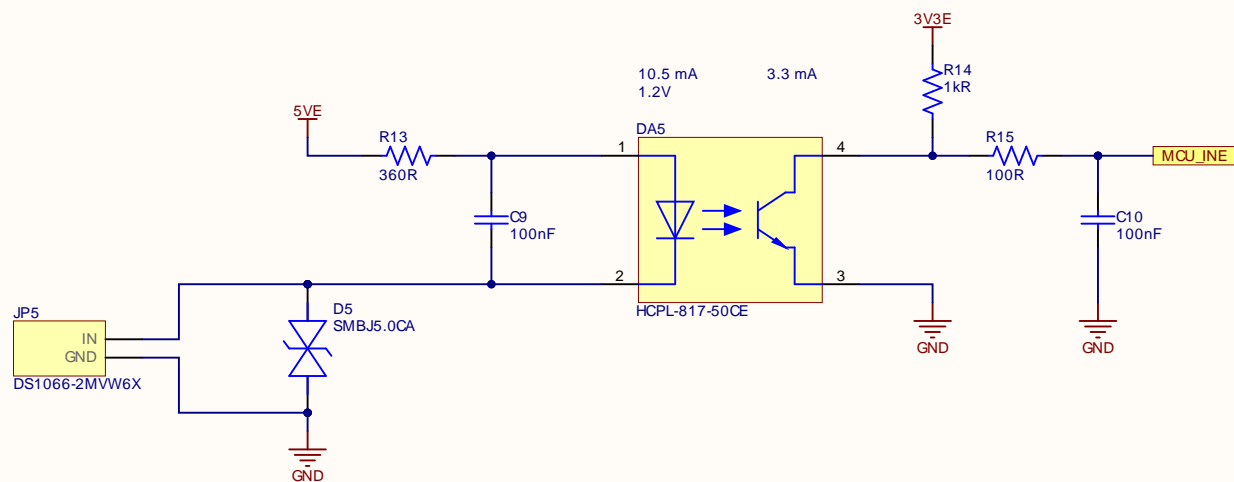
T-DS1066-SC600-N-019



T-DS1066-SC600-N-019

Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:23	Sheet 8 of 14		
File: Gastroscopy-Controller_Button.SchDoc				

5VE
3V3E



ADDITIONAL PARTS




HW13
DS1066-2-FCW



HW14
T-DS1066-SC600-N-019

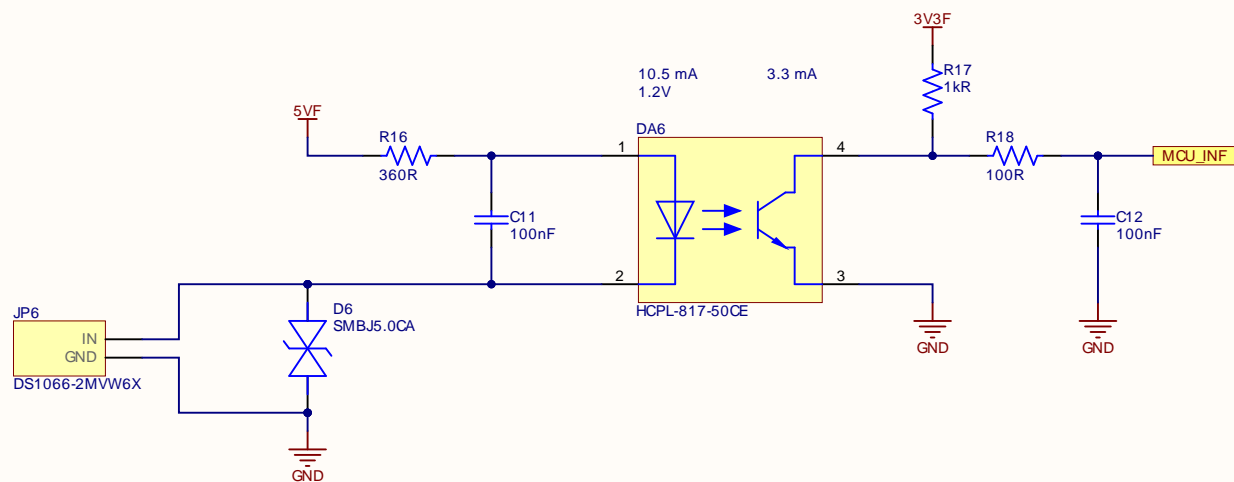


HW15
T-DS1066-SC600-N-019

Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:23	Sheet 9 of 14		
File: Gastroscopy-Controller_Button.SchDoc				

5VF

3V3F



ADDITIONAL PARTS



HW16
DS1066-2-FCW

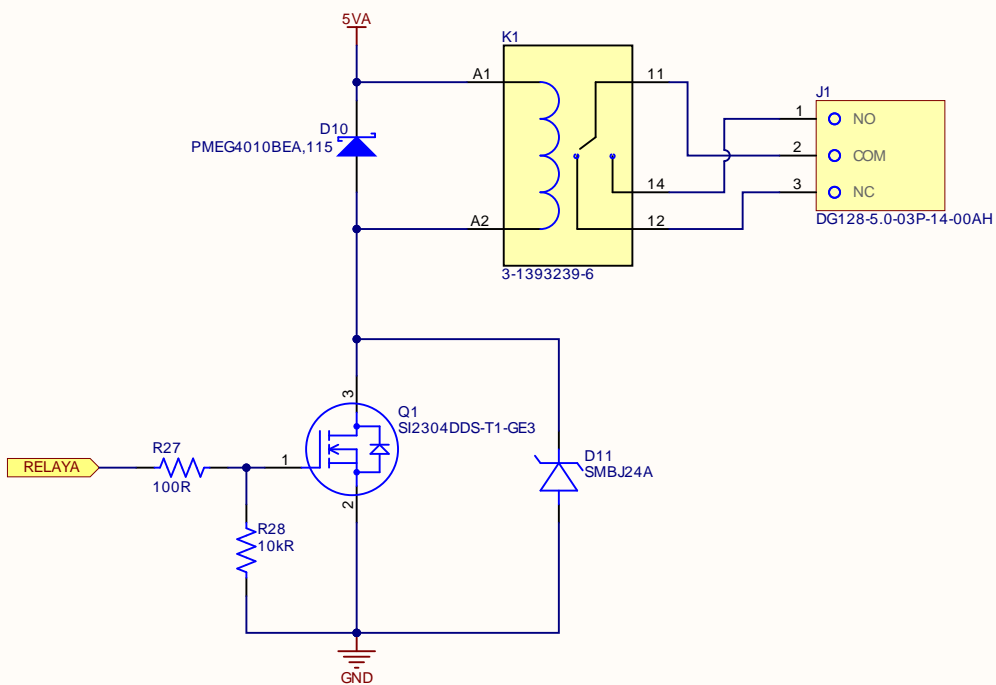



HW17
T-DS1066-SC600-N-019



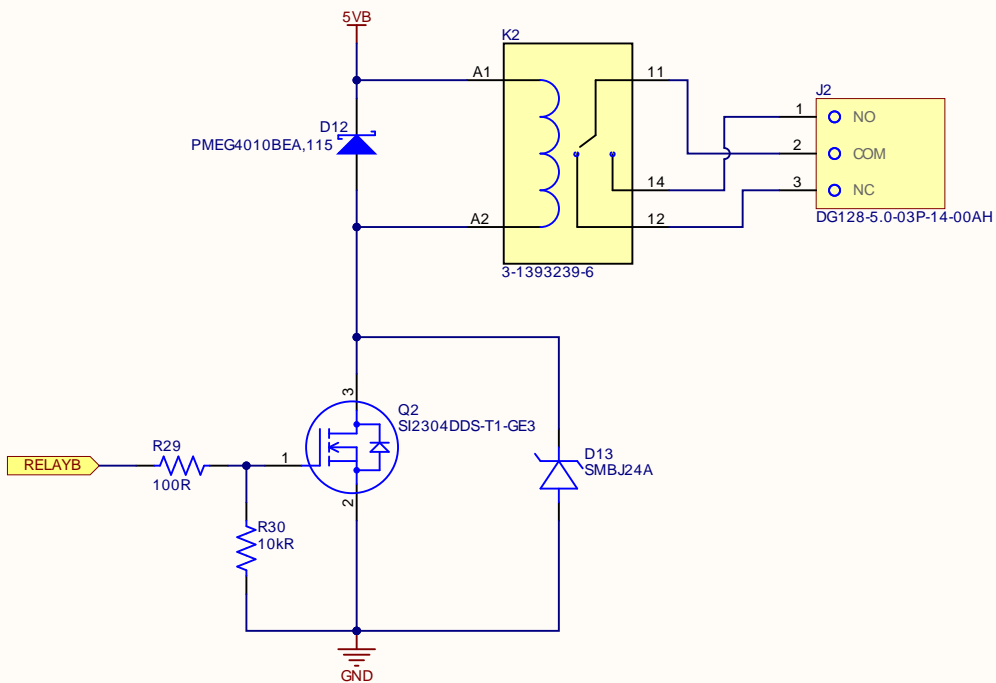
HW18
T-DS1066-SC600-N-019


Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99
Project: Gastroscopy Controller			
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii www.mrobots.ru
Date: 14.11.2022	Time: 8:48:23	Sheet 10 of 14	
File: Gastroscopy-Controller_Button.SchDoc			

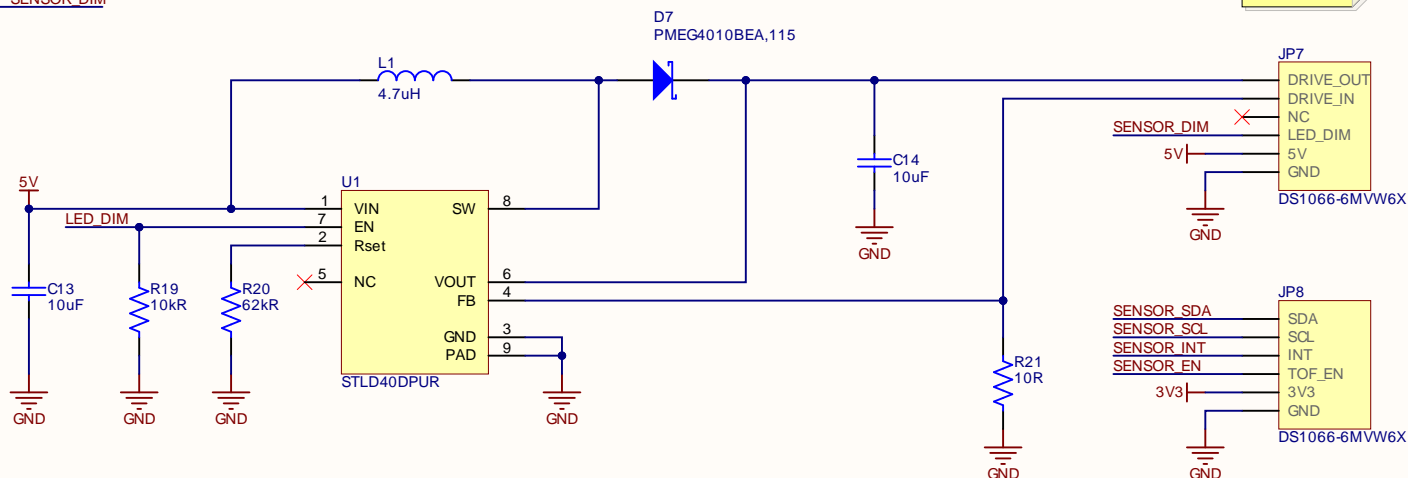
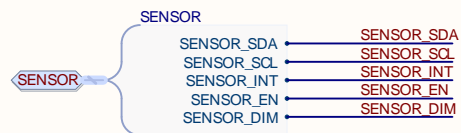
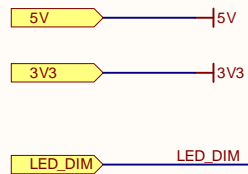


Title: Relays			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscope Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer:	
Date: 14.11.2022	Time: 8:48:23	Sheet 11 of 14	Podlesnyi Vasilii	
File: Gastroscope-Controller_Relay_SchDoc				

5VB



Title: Relays			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:23	Sheet 12 of 14		
File: Gastroscopy-Controller_Relay.SchDoc				



ADDITIONAL PARTS



Title: LED Driver

Project: Gastroscopy Controller

Size A

Number: 0000-0000

Revision 0.1.0

Date: 14.11.2022 Time: 8:48:23

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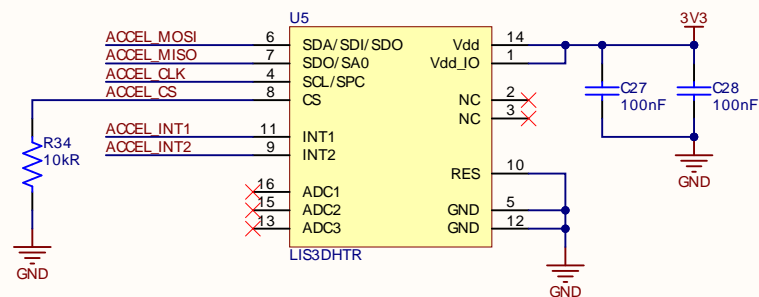
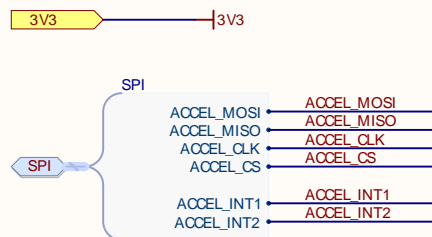
File: Gastroscopy-Controller_LED.SchDoc


MRobot, LCC
nab. reki Karpovki, d. 5/3E
Saint-Petersburg, 197022
Ph: +7 (911) 701-51-99

Engineer:
Podlesnyi Vasilii



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Title: Accelerometer			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 14.11.2022	Time: 8:48:23	Sheet 14 of 14		
File: Gastroscopy-Controller Accelerometer.SchDoc				