



Gastroscopy Controller

Gastroscopy Controller

16.11.2022

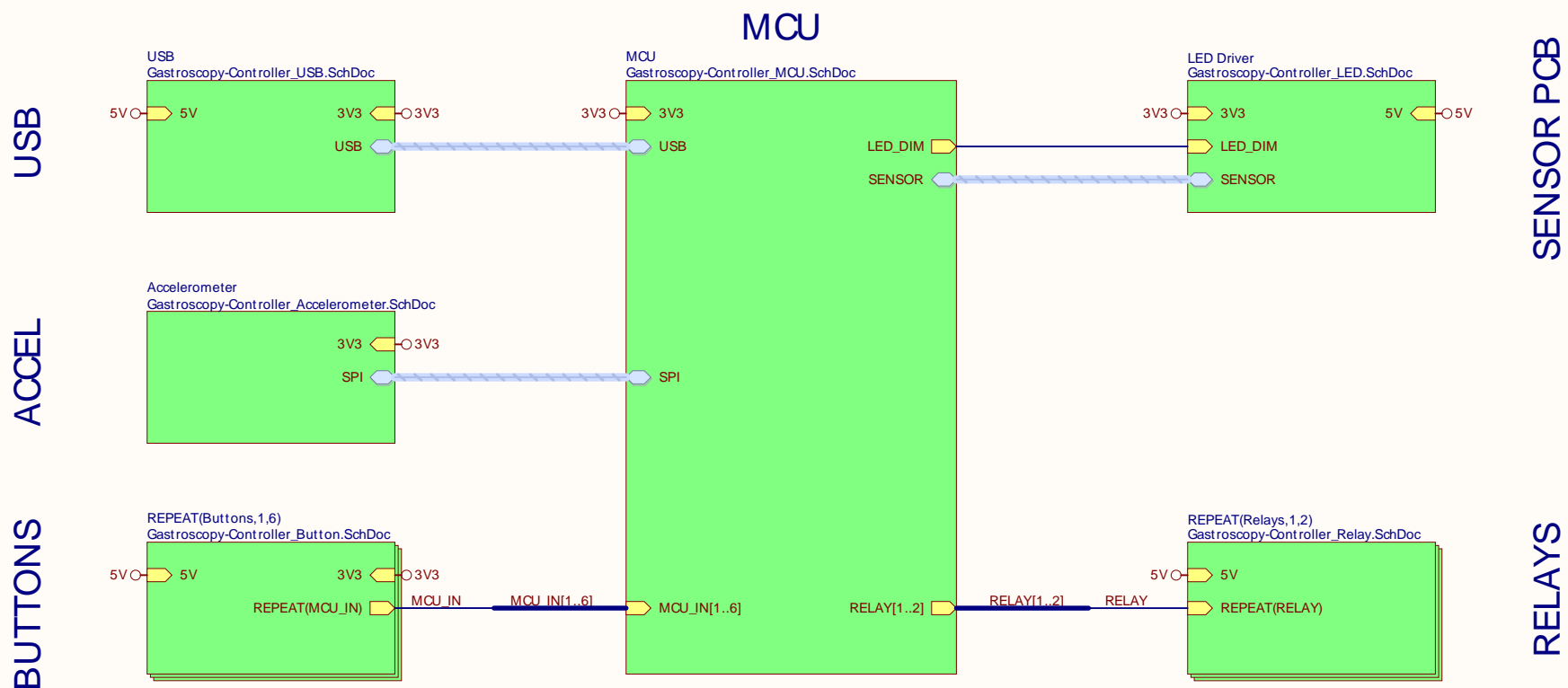
[Overview](#)
[Gastroscopy-Controller_Overview.SchDoc](#)


Company: MRobot, LLC

Project: Gastroscopy Controller

Jira Key: GSTRONTRL

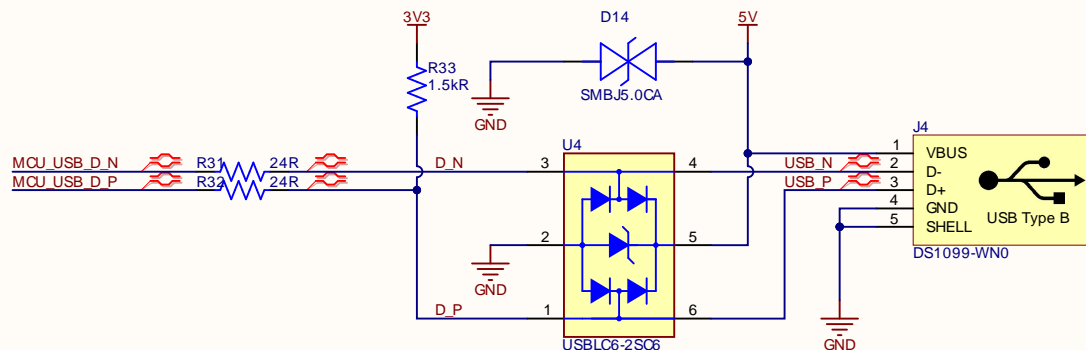
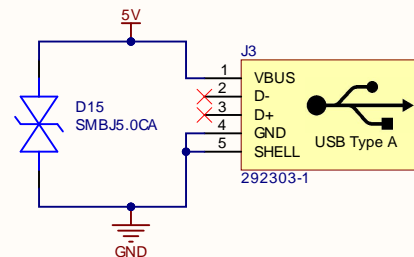
REVISION	DESCRIPTION	DATE	ECO	ENGINEER
0.1.0	Prototype	10/17/2022	0000	Podlesnyi V.S.



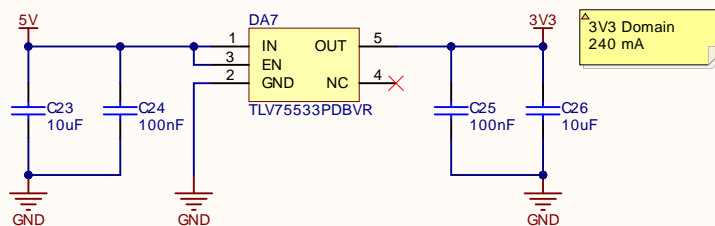
Title: Overview			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 16.11.2022	Time: 14:17:24	Sheet 2 of 14		
File: Gastroscopy-Controller_Overview.SchDoc				


5V

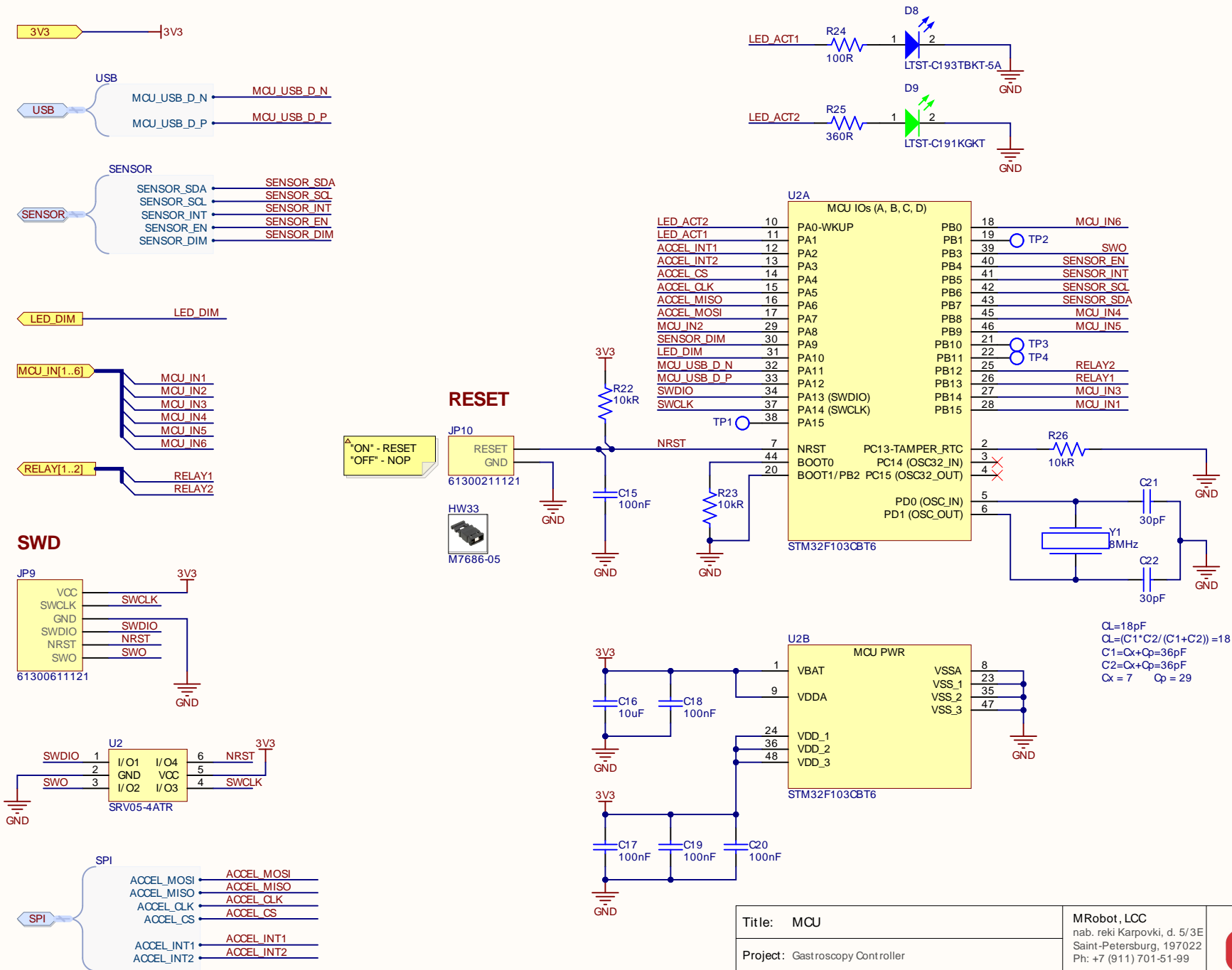
3V3




5V
630 mA

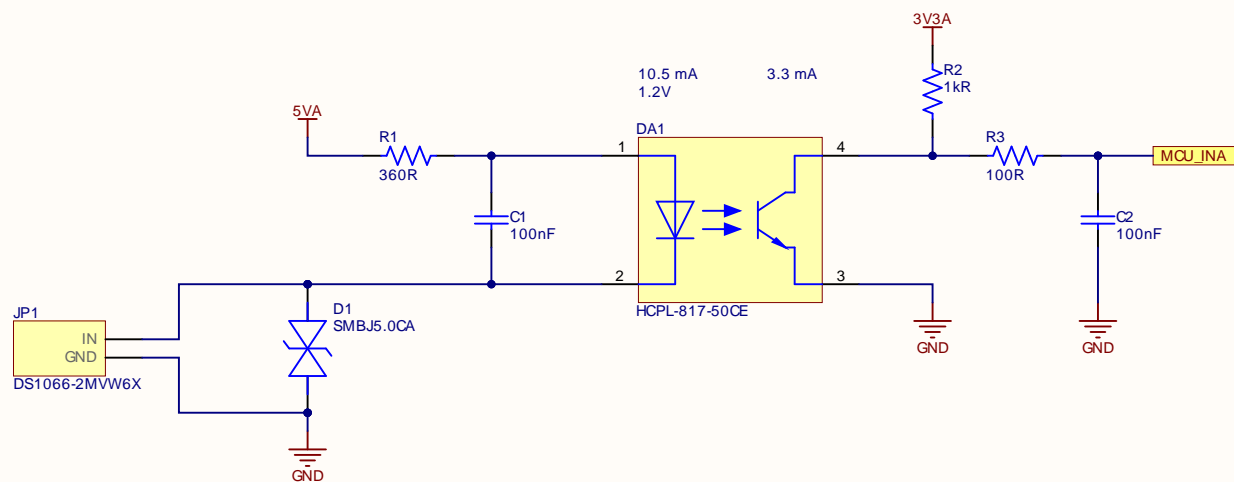


Title: USB			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 16.11.2022	Time: 14:17:24	Sheet 3 of 14		
File: Gastroscopy-Controller_USB.SchDoc				



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: 16.11.2022	Time: 14:17:24	Sheet 4 of 14		
File: Gastroscopy-Controller MCU.SchDoc				

5VA
3V3A



ADDITIONAL PARTS



HW1
DS1066-2-FCW




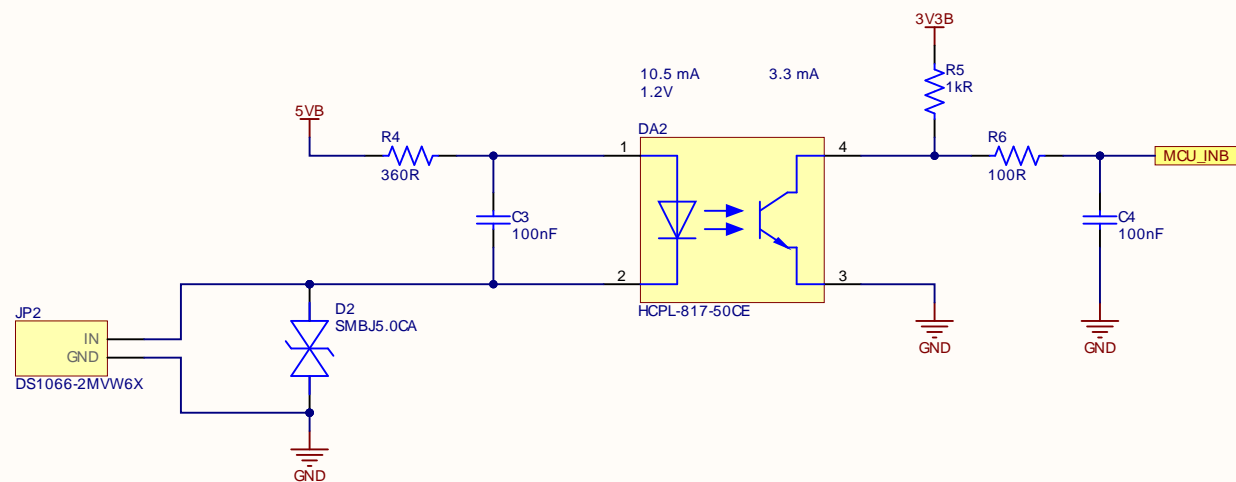
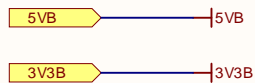
HW2
T-DS1066-SC600-N-019



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: 16.11.2022	Time: 14:17:24	Sheet 5 of 14	
File: Gastroscopy-Controller_Button.SchDoc			

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ADDITIONAL PARTS




HW4
DS1066-2-FCW



HW5
T-DS1066-SC600-N-019

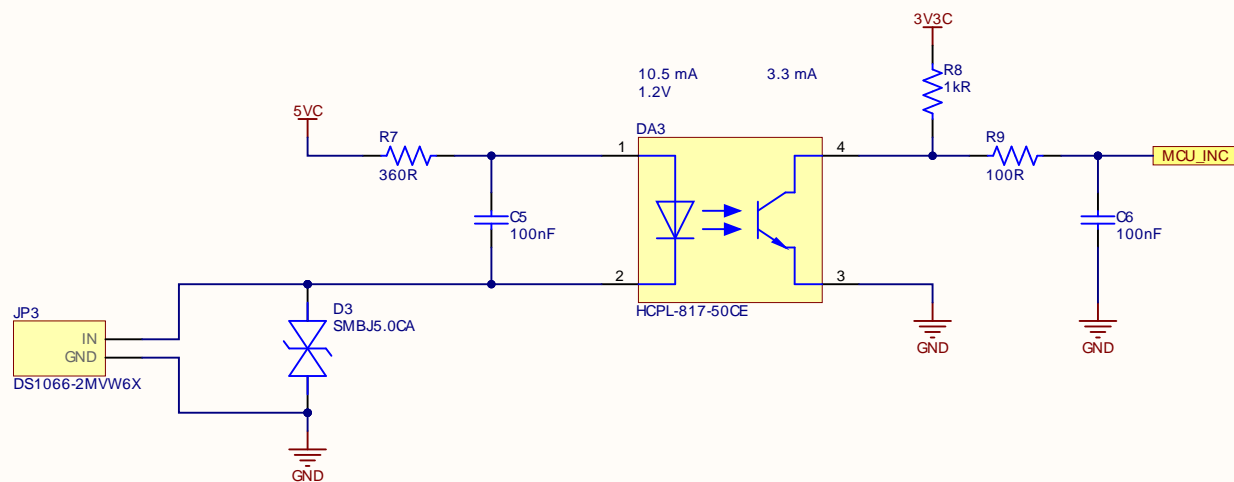


HW6
T-DS1066-SC600-N-019

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 Vasili	
Date: 16.11.2022	Time: 14:17:24	Sheet 6 of 14		
File: Gastroscopy-Controller_Button.SchDoc				

5VC

3V3C



ADDITIONAL PARTS




DS1066-2-FCW



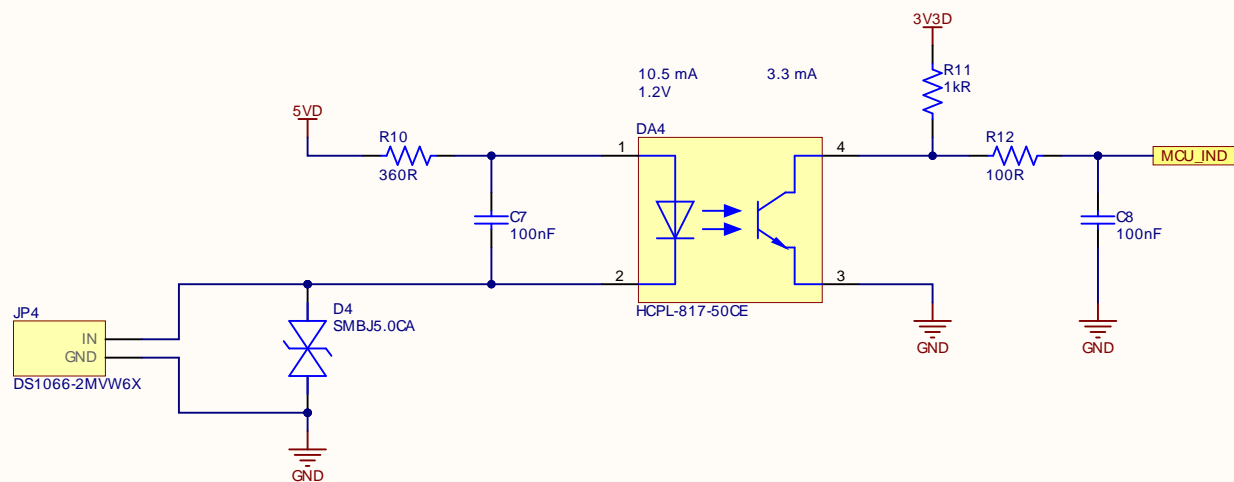
T-DS1066-SC600-N-019



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: 16.11.2022	Time: 14:17:24	Sheet 7 of 14		
File: Gastroscopy-Controller_Button.SchDoc				

5VD
3V3D



ADDITIONAL PARTS



HW10
DS1066-2-FCW




HW11
T-DS1066-SC600-N-019

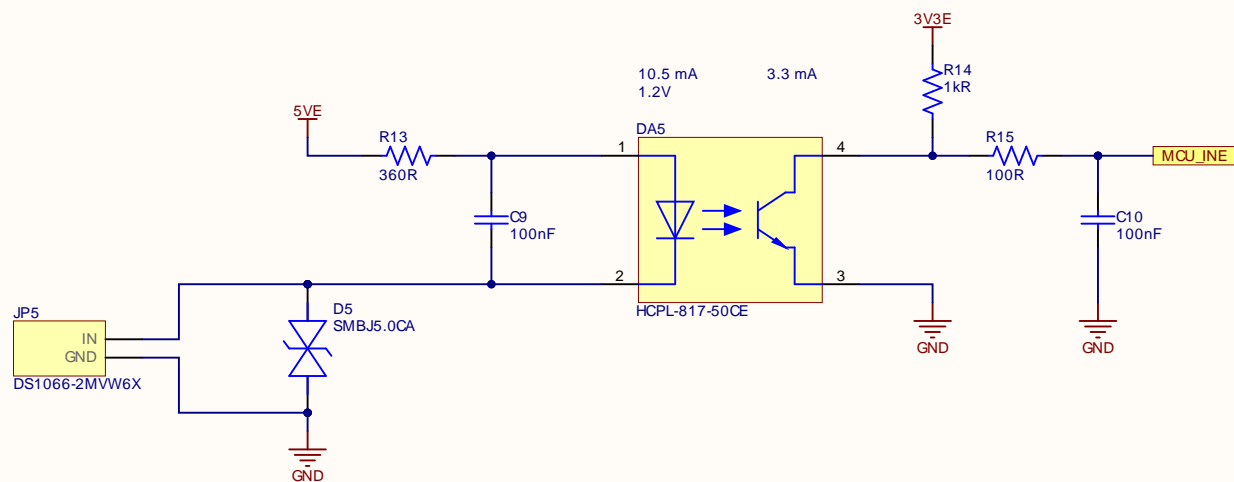


HW12
T-DS1066-SC600-N-019

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: 16.11.2022	Time: 14:17:24	Sheet 8 of 14	
File: Gastroscopy-Controller_Button.SchDoc			

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5VE
3V3E



ADDITIONAL PARTS




HW13
DS1066-2-FCW



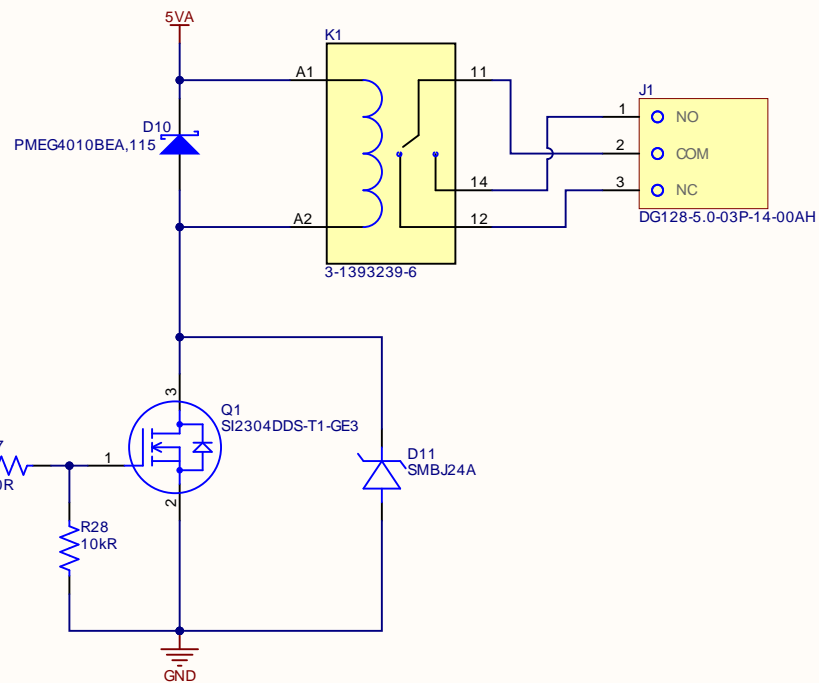
HW14
T-DS1066-SC600-N-019




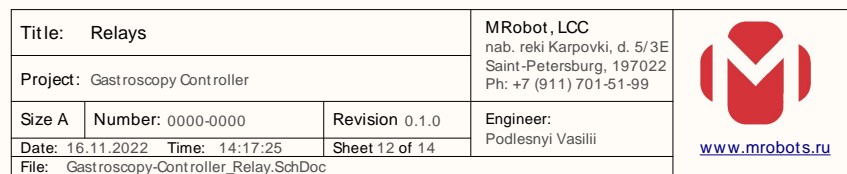
HW15
T-DS1066-SC600-N-019

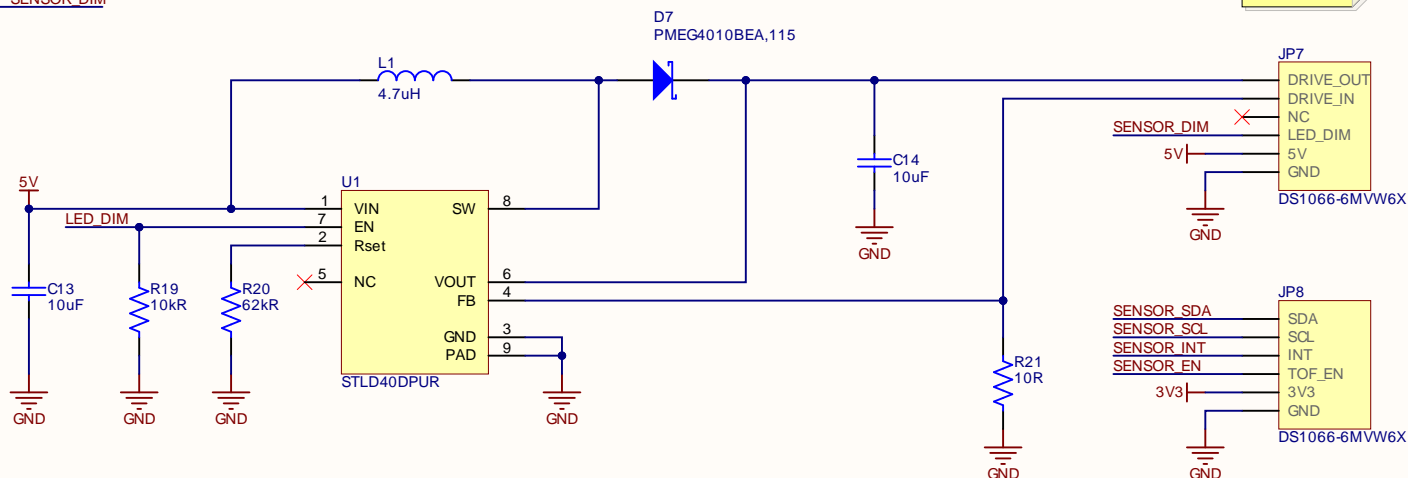
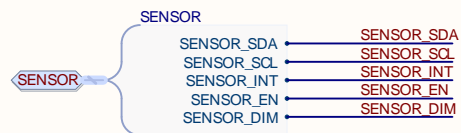
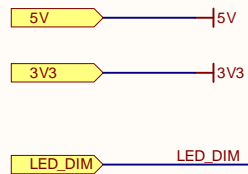
Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 16.11.2022	Time: 14:17:25	Sheet 9 of 14		
File: Gastroscopy-Controller_Button.SchDoc				

5VA



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: 16.11.2022	Time: 14:17:25	Sheet 11 of 14		
File: Gastroscopy-Controller_Relay.SchDoc				





ADDITIONAL PARTS



HW19
T-DS1066-SC600-N-019



HW22
T-DS1066-SC600-N-019



HW25
T-DS1066-SC600-N-019



HW28
T-DS1066-SC600-N-019



HW20
T-DS1066-SC600-N-019



HW23
T-DS1066-SC600-N-019



HW26
T-DS1066-SC600-N-019



HW29
T-DS1066-SC600-N-019



HW31
T-DS1066-SC600-N-019



HW21
DS1066-6-FCW



HW24
DS1066-6-FCW



HW27
T-DS1066-SC600-N-019



HW30
T-DS1066-SC600-N-019



HW32
T-DS1066-SC600-N-019

Title: LED Driver

Project: Gastroscopy Controller

Size A

Number: 0000-0000

Revision 0.1.0

Date: 16.11.2022 Time: 14:17:25

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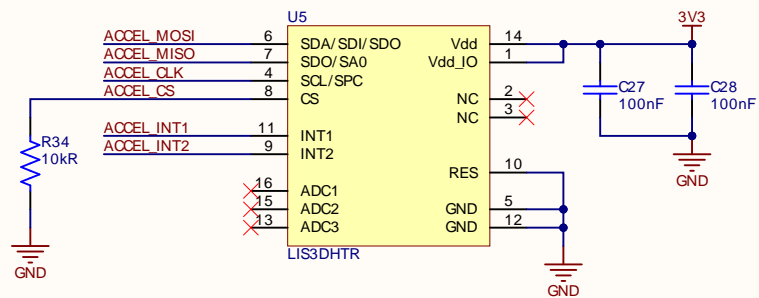
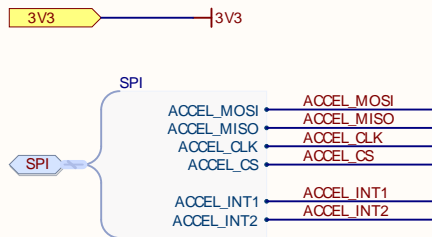
File: Gastroscopy-Controller_LED.SchDoc


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: 16.11.2022	Time: 14:17:25	Sheet 14 of 14		
File: Gastroscopy-Controller Accelerometer.SchDoc				