



Gastroscopy Controller

Gastroscopy Controller

11.11.2022

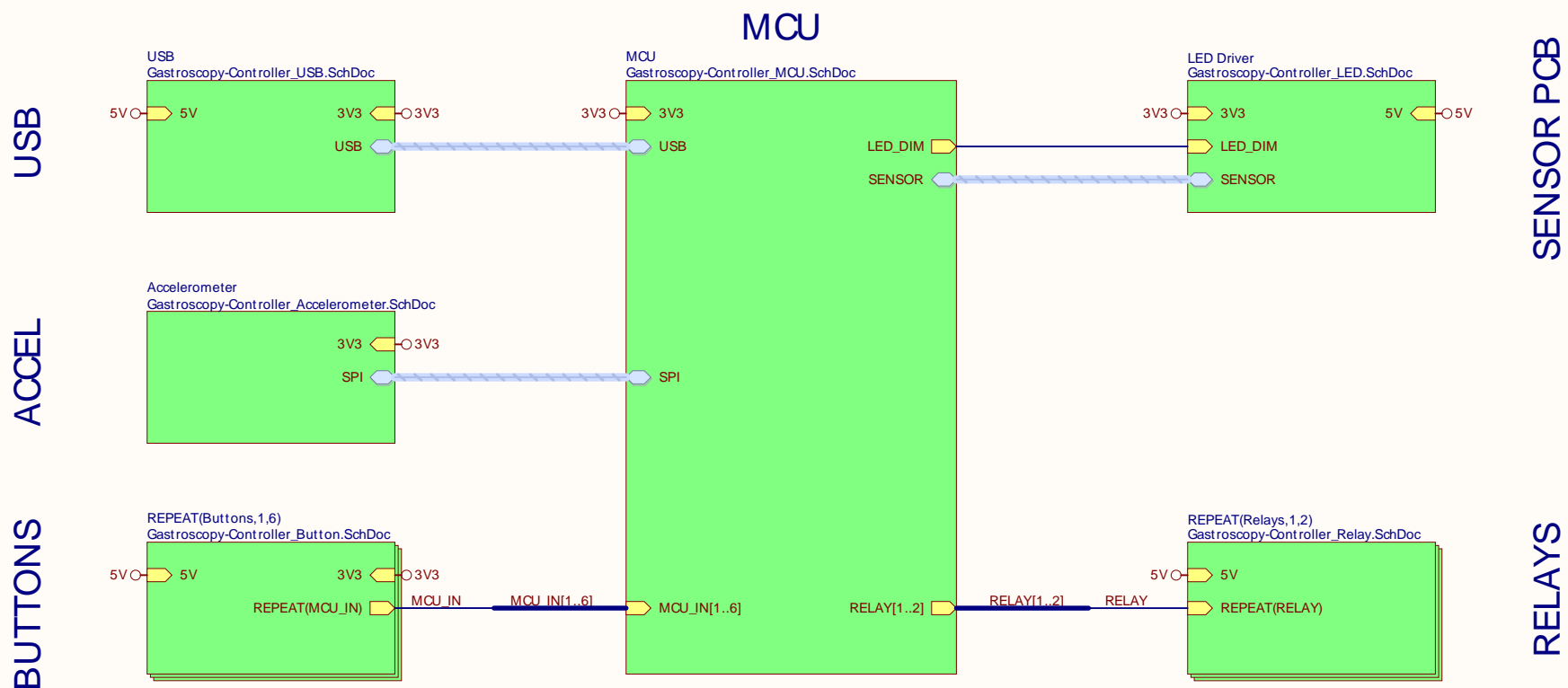
[Overview](#)
[Gastroscopy-Controller_Overview.SchDoc](#)


Company: MRobot, LLC

Project: Gastroscopy Controller

Jira Key: GSTRONTRL

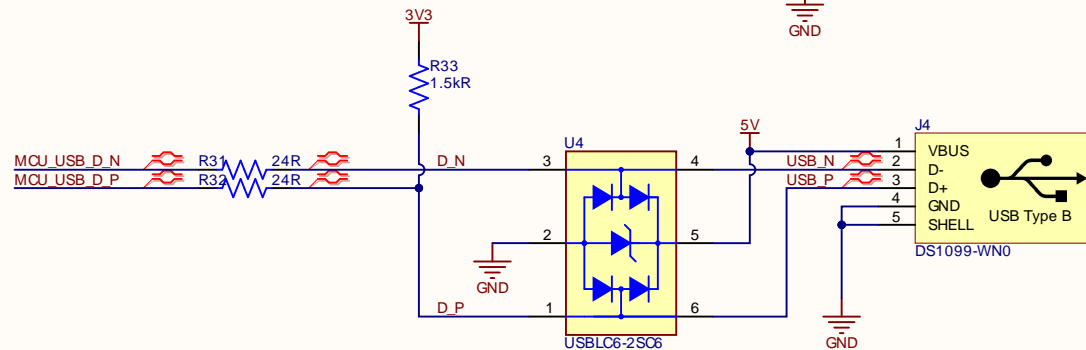
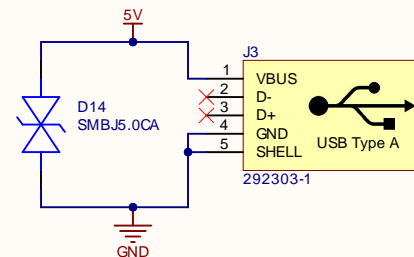
REVISION	DESCRIPTION	DATE	ECO	ENGINEER
0.1.0	Prototype	10/17/2022	0000	Podlesnyi V.S.



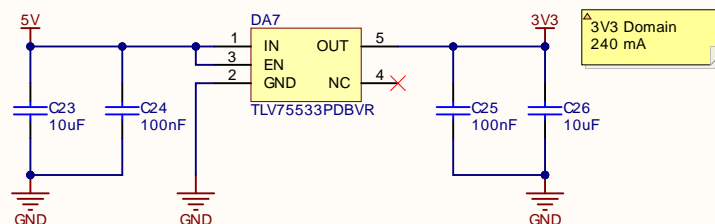
Title: Overview			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 11.11.2022	Time: 7:04:34	Sheet 2 of 14		
File: Gastroscopy-Controller_Overview.SchDoc				


5V

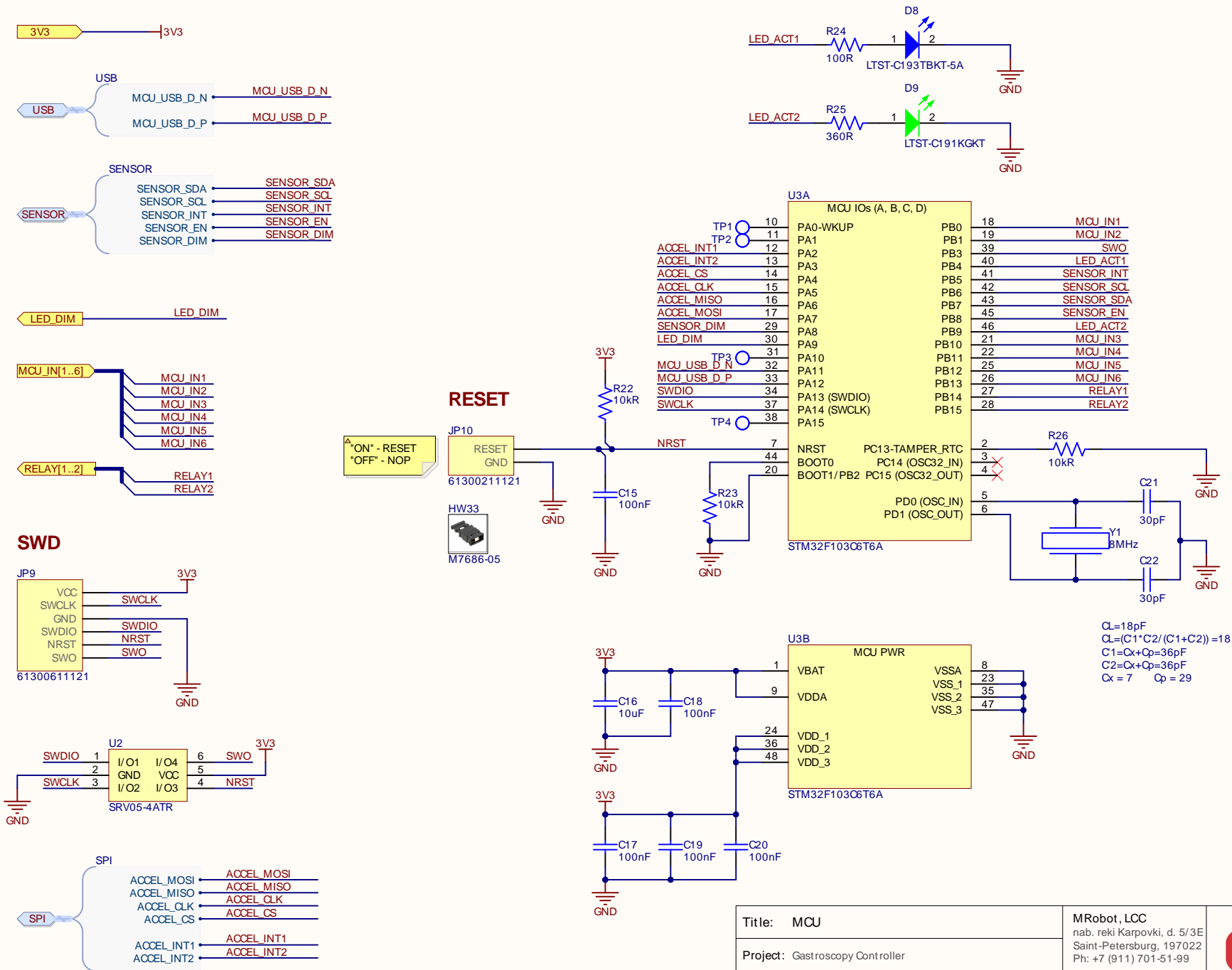
3V3




5V
630 mA

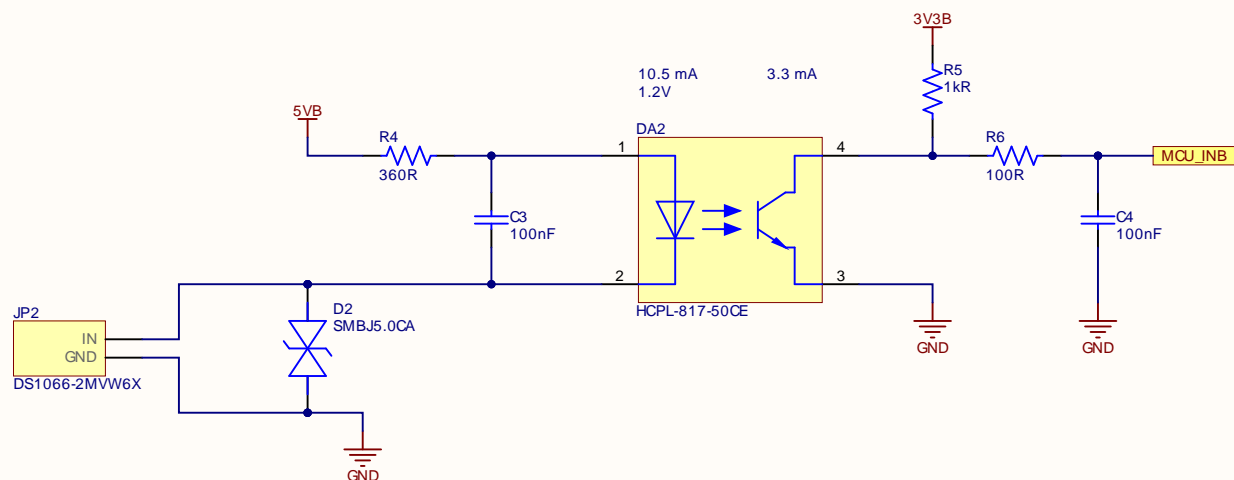


Title: USB			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 11.11.2022	Time: 7:04:34	Sheet 3 of 14		
File: Gastroscopy-Controller_USB.SchDoc				




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: 11.11.2022	Time: 7:04:35	Sheet 4 of 14		
File: Gastroscopy-Controller MCU.SchDoc				

5VB
3V3B

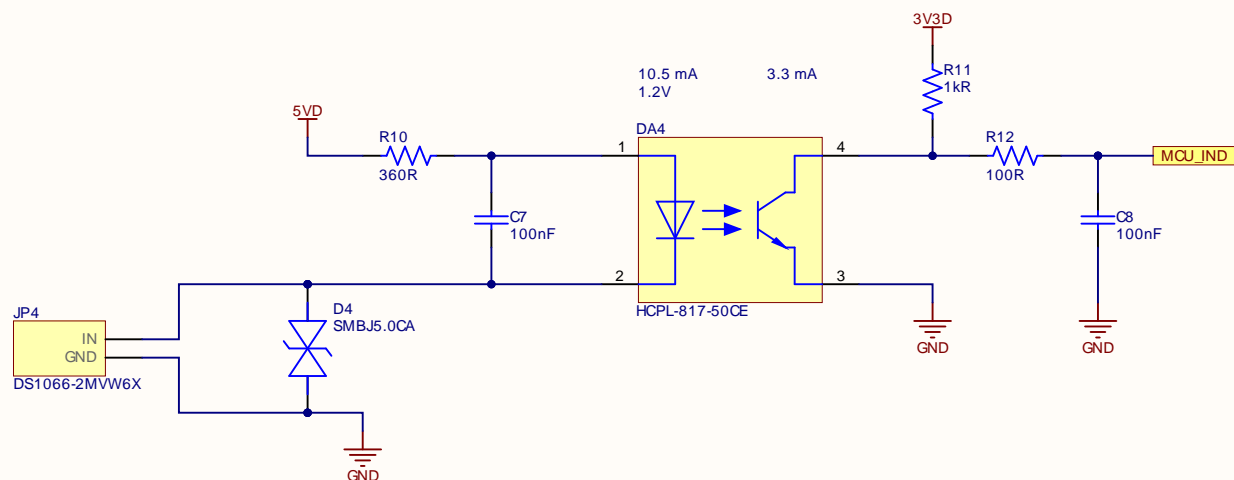


ADDITIONAL PARTS



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: 11.11.2022	Time: 7:04:35	Sheet 6 of 14		
File: Gastroscopy-Controller_Button.SchDoc				

5VD
3V3D



ADDITIONAL PARTS




HW10
DS1066-2-FCW

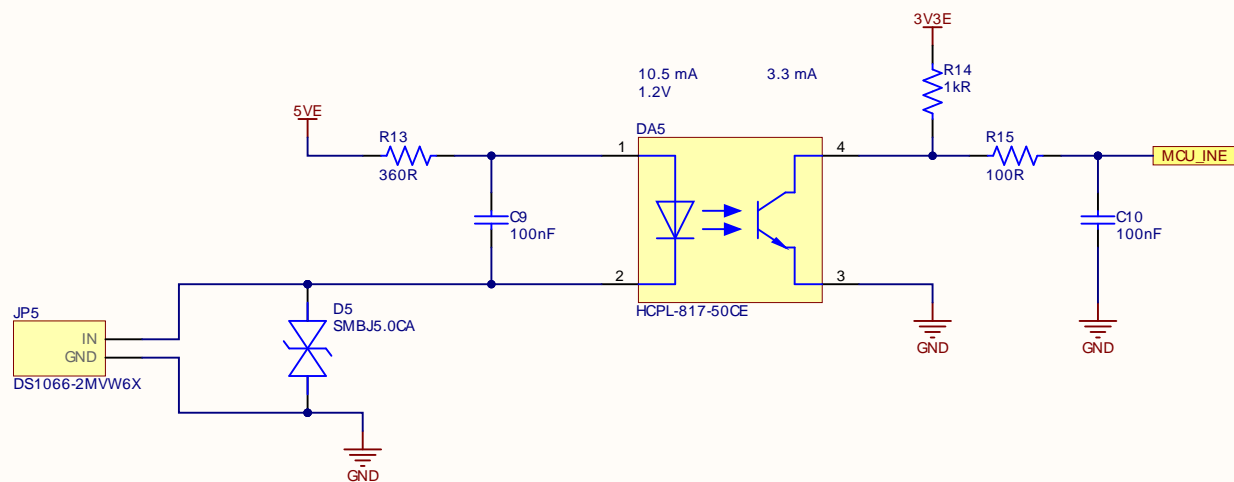
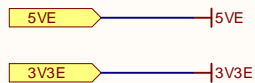


HW11
T-DS1066-SC600-N-019



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	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 11.11.2022	Time: 7:04:36	Sheet 8 of 14		
File: Gastroscopy-Controller_Button.SchDoc				



ADDITIONAL PARTS




DS1066-2-FCW



T-DS1066-SC600-N-019



T-DS1066-SC600-N-019

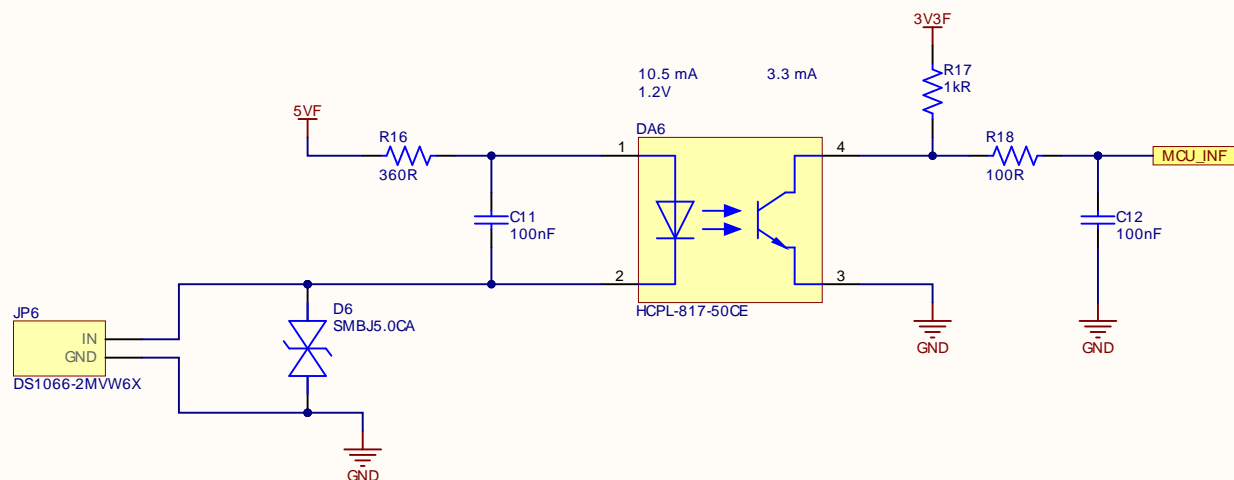
Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99	 www.mrobots.ru
Project: Gastroscopy Controller				
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii	
Date: 11.11.2022	Time: 7:04:36	Sheet 9 of 14		
File: Gastroscopy-Controller_Button.SchDoc				



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5VF

3V3F



ADDITIONAL PARTS




HW16
DS1066-2-FCW



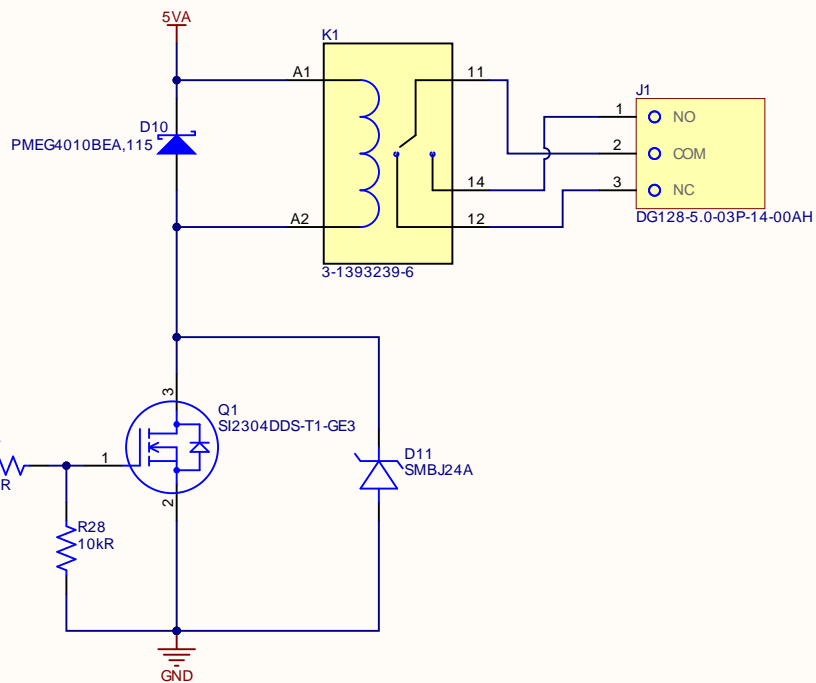
HW17
T-DS1066-SC600-N-019




HW18
T-DS1066-SC600-N-019

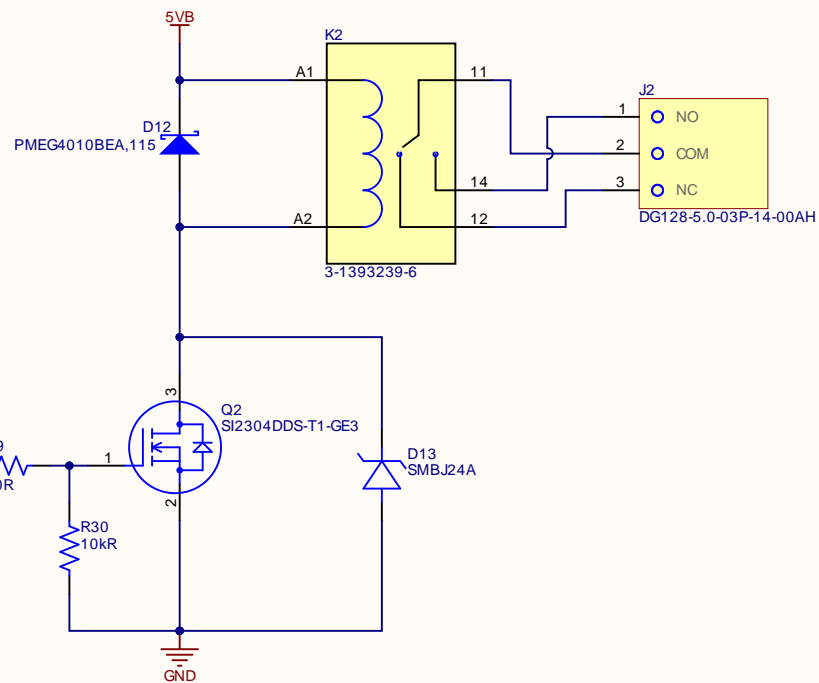
Title: Buttons			MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99
Project: Gastroscopy Controller			
Size A	Number: 0000-0000	Revision 0.1.0	Engineer: Podlesnyi Vasilii
Date: 11.11.2022	Time: 7:04:37	Sheet 10 of 14	
File: Gastroscopy-Controller_Button.SchDoc			 www.mrobots.ru

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: 11.11.2022	Time: 7:04:37	Sheet 11 of 14		
File: Gastroscopy-Controller_Relay.SchDoc				

5VB



Title: Relays

Project: Gastroscopy Controller

Size A Number: 0000-0000

Date: 11.11.2022 Time: 7:04:37

File: Gastroscopy-Controller_Relay.SchDoc

Revision 0.1.0

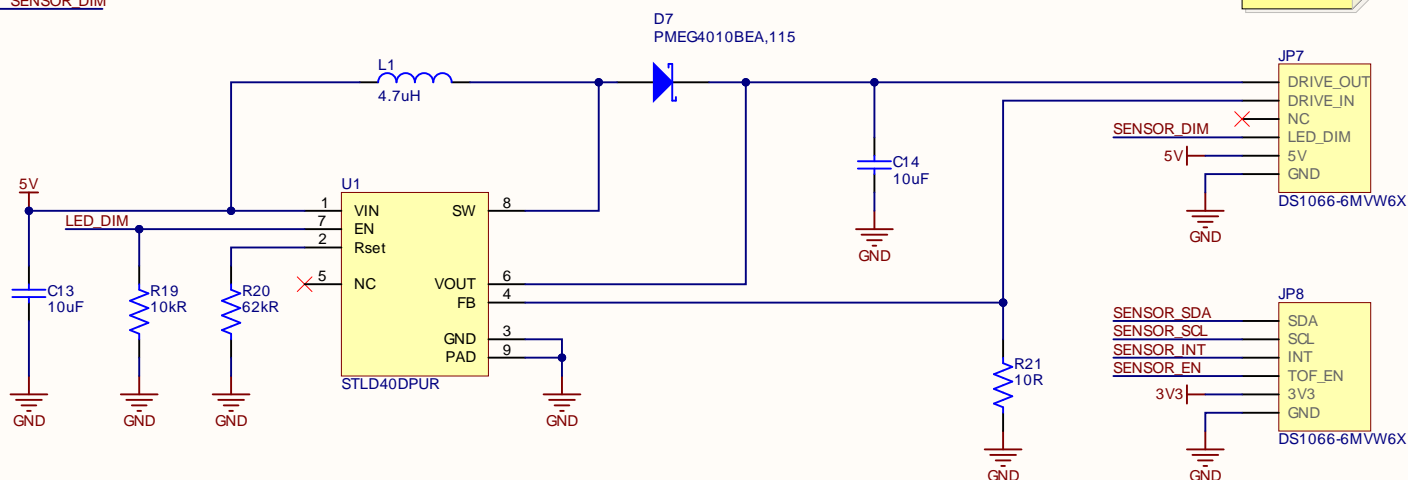
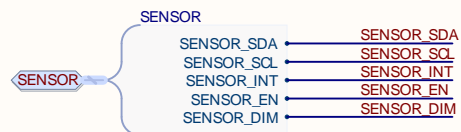
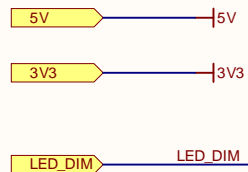
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Engineer:
Podlesnyi Vasilii



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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: 11.11.2022 Time: 7:04:37

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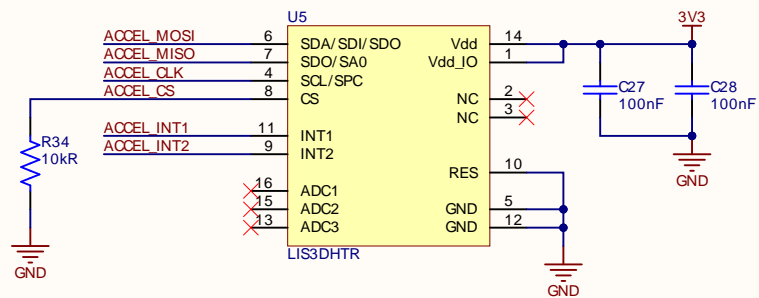
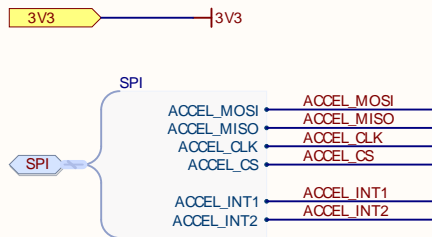
File: Gastroscopy-Controller_LED.SchDoc


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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: 11.11.2022	Time: 7:04:38	Sheet 14 of 14		
File: Gastroscopy-Controller Accelerometer.SchDoc				