



Gastroscopy Controller

Gastroscopy Controller

10.11.2022

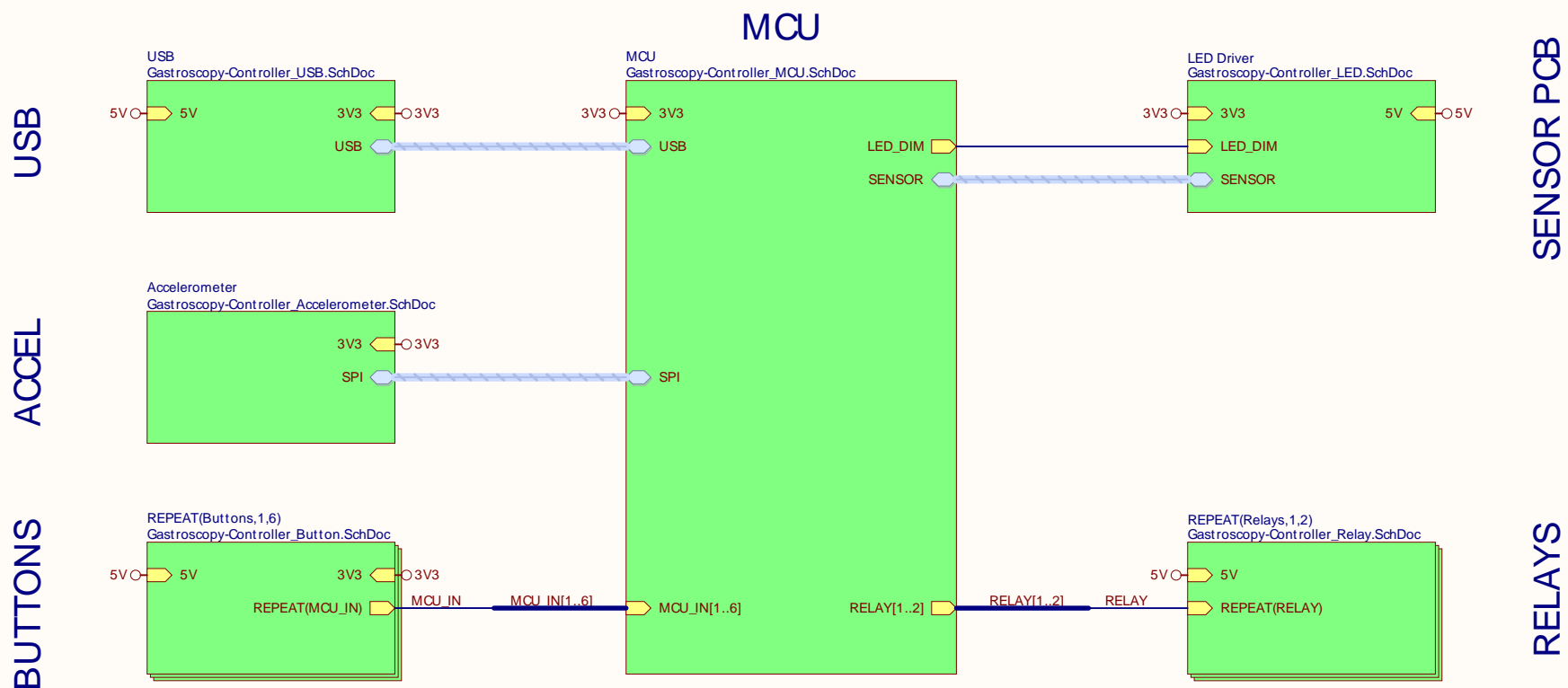
[Overview](#)
[Gastroscopy-Controller_Overview.SchDoc](#)


Company: MRobot, LLC

Project: Gastroscopy Controller

Jira Key: GSTRONTRL

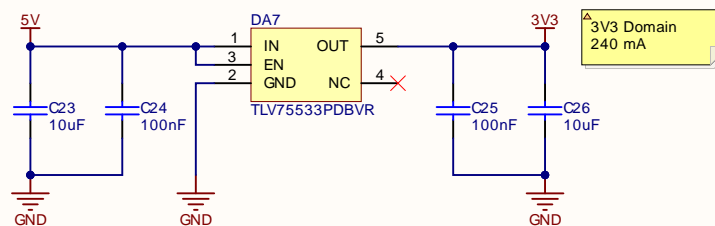
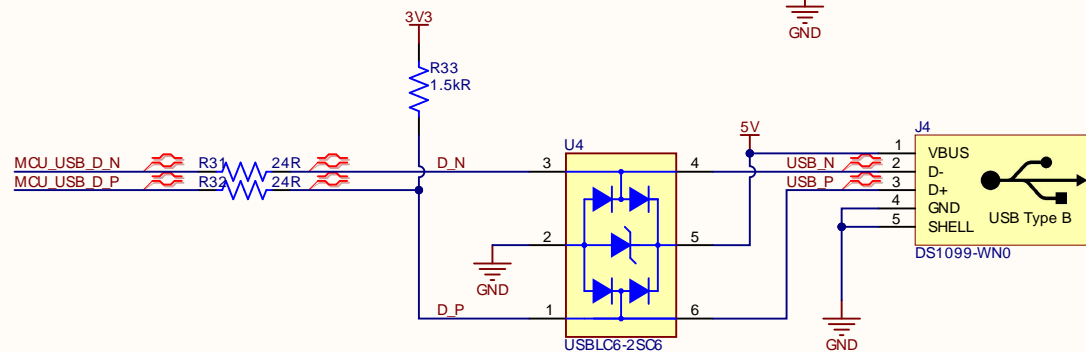
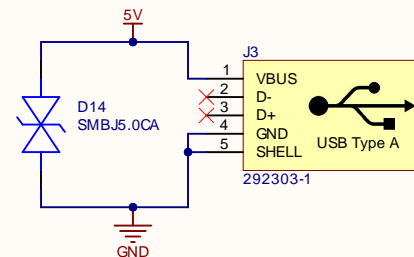
| REVISION | DESCRIPTION | DATE | ECO | ENGINEER |
|----------|-------------|------------|------|----------------|
| 0.1.0 | Prototype | 10/17/2022 | 0000 | Podlesnyi V.S. |




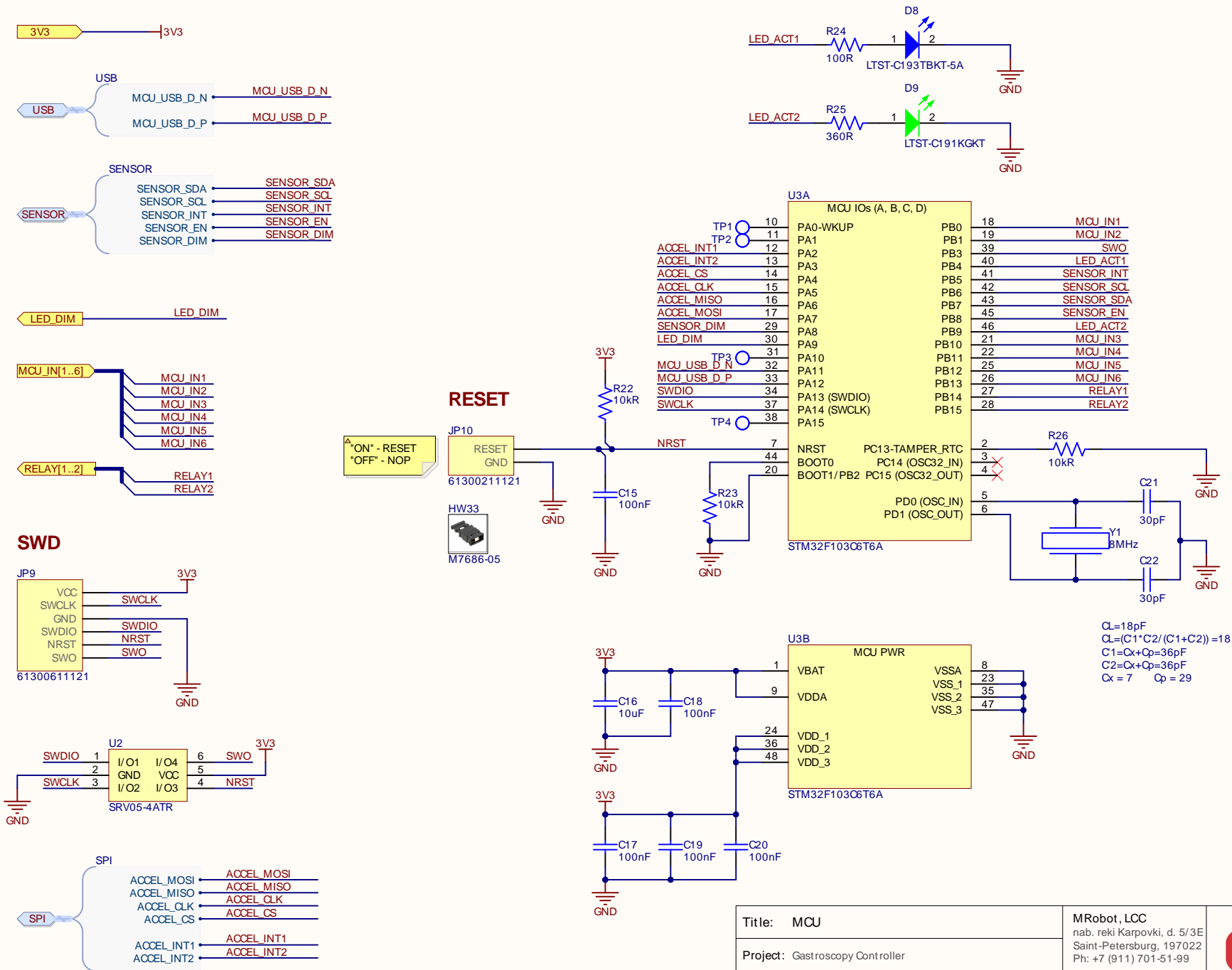
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|--|-------------------|----------------|--|---|
| Title: Overview | | | MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99 |  www.mrobots.ru |
| Project: Gastroscopy Controller | | | | |
| Size A | Number: 0000-0000 | Revision 0.1.0 | Engineer: Podlesnyi Vasilii | |
| Date: 10.11.2022 | Time: 20:14:21 | Sheet 2 of 14 | | |
| File: Gastroscopy-Controller_Overview.SchDoc | | | | |


5V

3V3

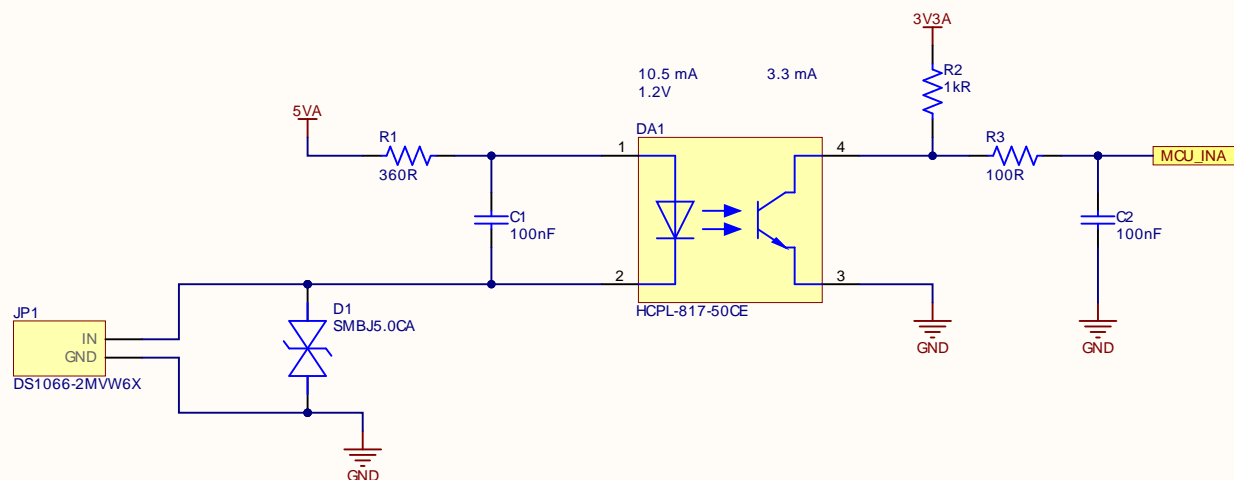


| | | | | |
|---|-------------------|----------------|--|---|
| Title: USB | | | MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99 |  www.mrobots.ru |
| Project: Gastroscopy Controller | | | | |
| Size A | Number: 0000-0000 | Revision 0.1.0 | Engineer: Podlesnyi Vasilii | |
| Date: 10.11.2022 | Time: 20:14:21 | 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: 10.11.2022 | Time: 20:14:21 | Sheet 4 of 14 | | |
| File: Gastroscopy-Controller MCU.SchDoc | | | | |

5VA
3V3A



ADDITIONAL PARTS




HW1
DS1066-2-FCW



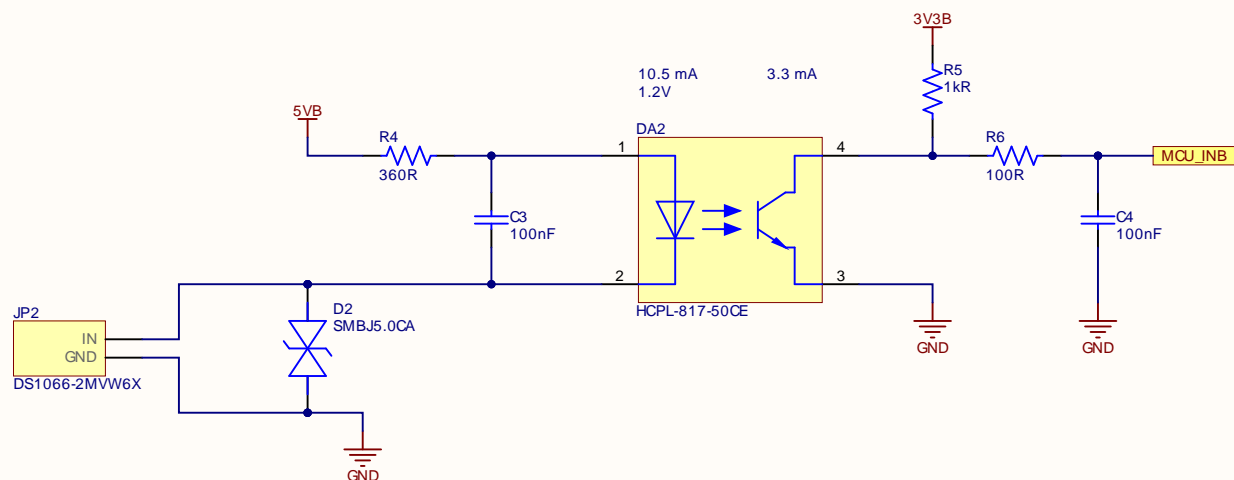
HW2
T-DS1066-SC600-N-019



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 |  www.mrobots.ru |
| Project: Gastroscopy Controller | | | | |
| Size A | Number: 0000-0000 | Revision 0.1.0 | Engineer: Podlesnyi Vasili | |
| Date: 10.11.2022 | Time: 20:14:22 | Sheet 5 of 14 | | |
| File: Gastroscopy-Controller_Button.SchDoc | | | | |

5VB
3V3B



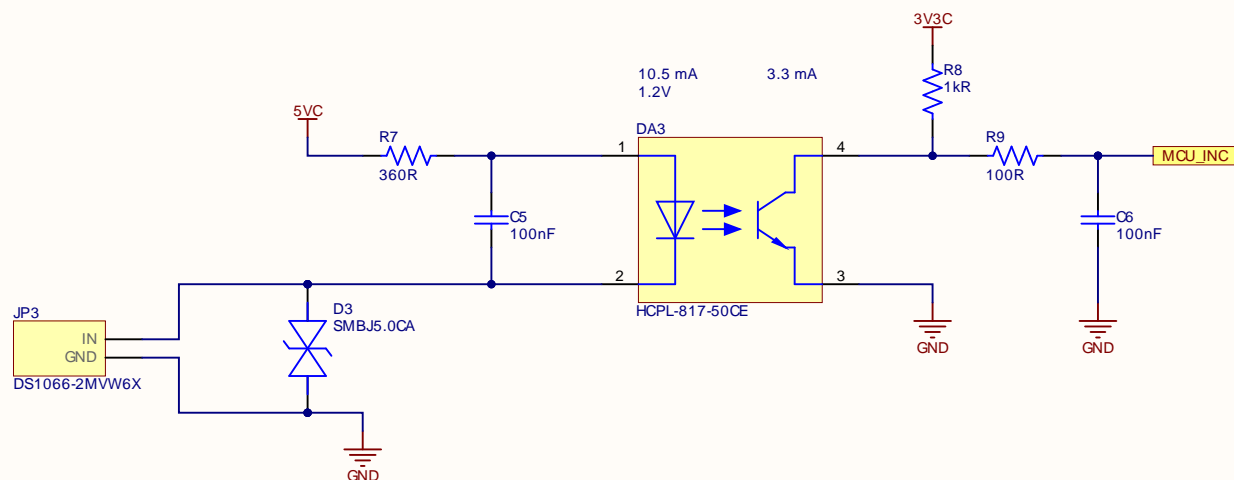
ADDITIONAL PARTS



| | | | | |
|--|-------------------|----------------|--|---|
| 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 Vasili | |
| Date: 10.11.2022 | Time: 20:14:22 | Sheet 6 of 14 | | |
| File: Gastroscopy-Controller_Button.SchDoc | | | | |

5VC

3V3C



ADDITIONAL PARTS



HW7
DS1066-2-FCW




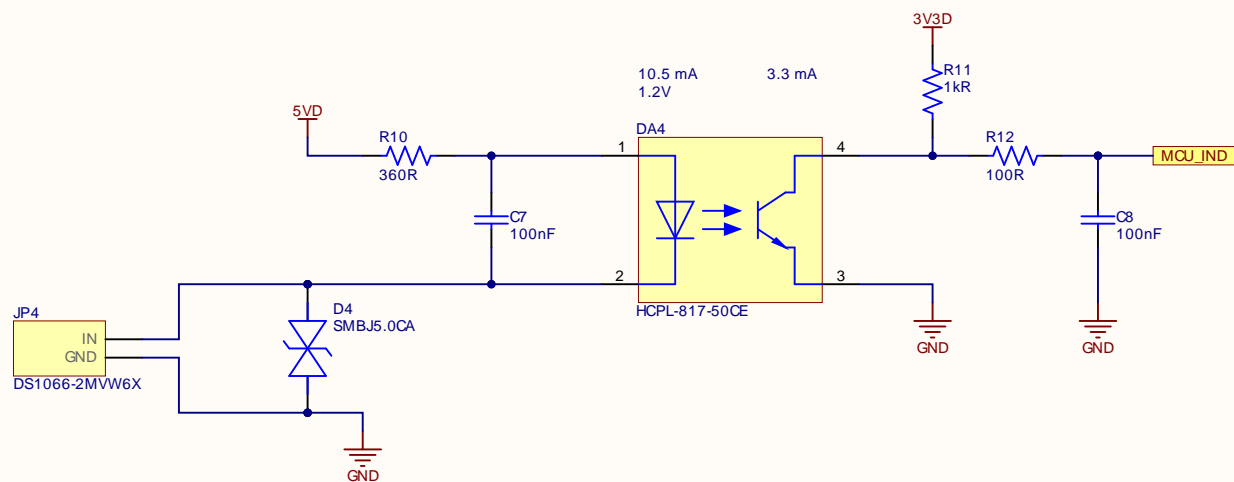
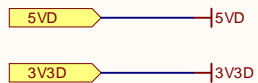
HW8
T-DS1066-SC600-N-019



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 Vasilii |
| Date: 10.11.2022 | Time: 20:14:22 | Sheet 7 of 14 | |
| File: Gastroscopy-Controller_Button.SchDoc | | | |


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ADDITIONAL PARTS




HW10
DS1066-2-FCW

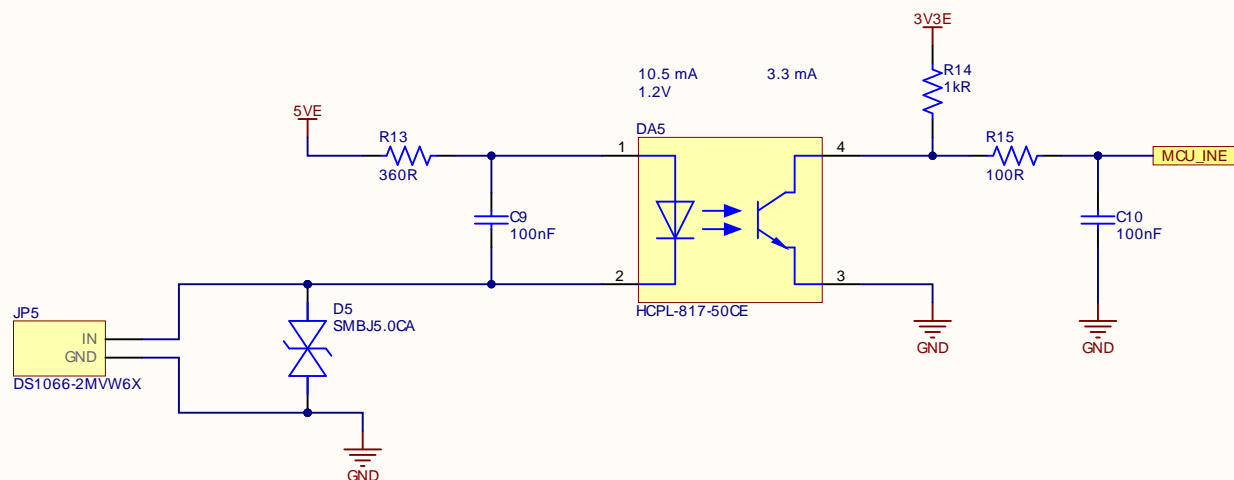
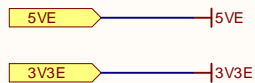


HW11
T-DS1066-SC600-N-019



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: 10.11.2022 | Time: 20:14:22 | Sheet 8 of 14 | | |
| File: Gastroscopy-Controller_Button.SchDoc | | | | |



ADDITIONAL PARTS




DS1066-2-FCW



T-DS1066-SC600-N-019

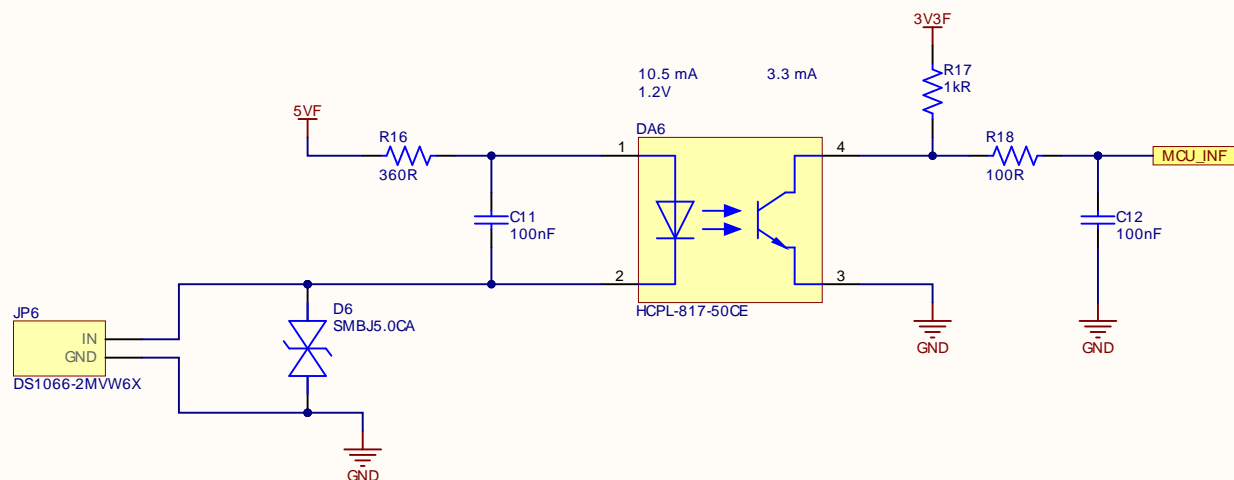


T-DS1066-SC600-N-019

| | | | | |
|--|-------------------|----------------|---|---|
| Title: Buttons | | | MRobot, LCC nab. reki Karpovki, d. 5/3/E 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: 10.11.2022 | Time: 20:14:22 | Sheet 9 of 14 | | |
| File: Gastroscopy-Controller_Button.SchDoc | | | | |

5VF

3V3F



ADDITIONAL PARTS




HW16
DS1066-2-FCW



HW17
T-DS1066-SC600-N-019



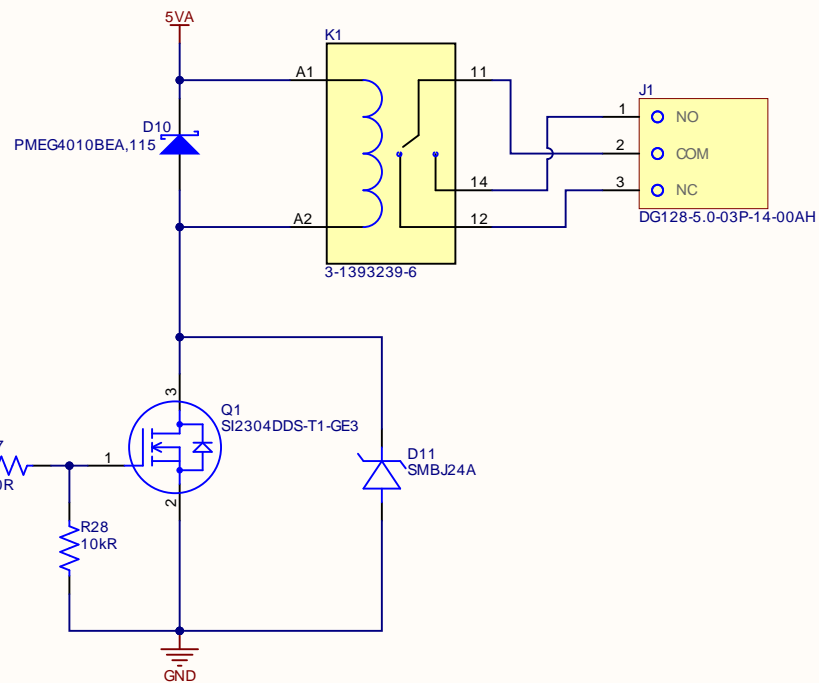
HW18
T-DS1066-SC600-N-019


| | | | |
|--|-------------------|----------------|---|
| 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 |
| Date: 10.11.2022 | Time: 20:14:22 | Sheet 10 of 14 | |
| File: Gastroscopy-Controller_Button.SchDoc | | |  www.mrobots.ru |
| | | | |



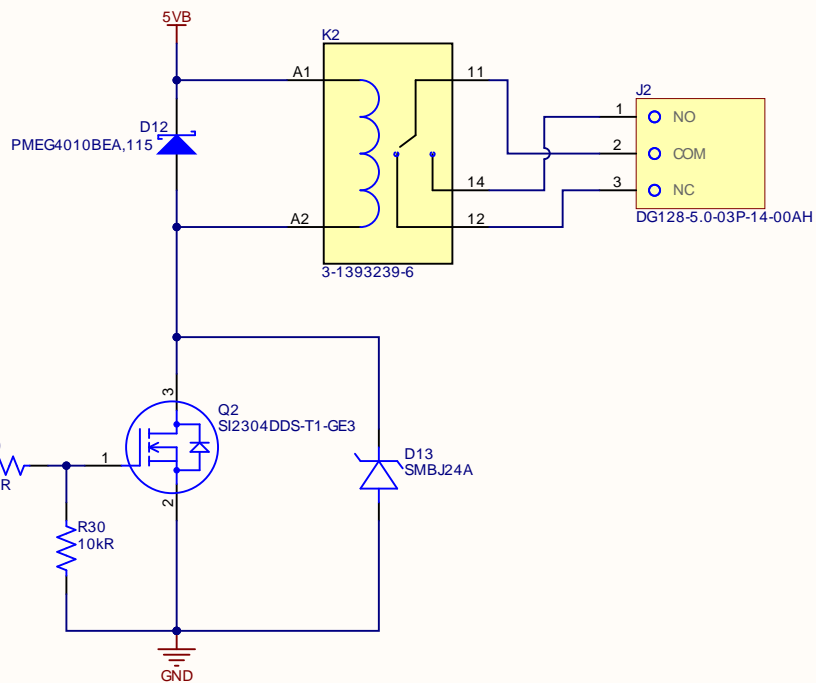
www.mrobots.ru


5VA



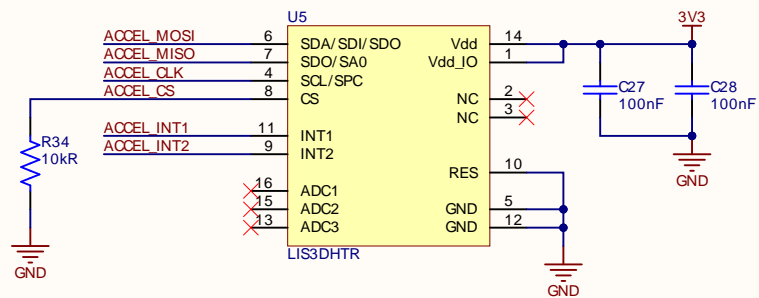
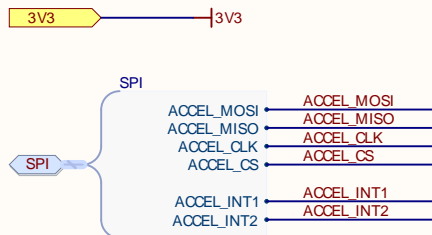
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|---|-------------------|----------------|--|---|
| Title: Relays | | | MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99 |  www.mrobots.ru |
| Project: Gastroscopy Controller | | | | |
| Size A | Number: 0000-0000 | Revision 0.1.0 | Engineer: Podlesnyi Vasilii | |
| Date: 10.11.2022 | Time: 20:14:22 | Sheet 11 of 14 | | |
| File: Gastroscopy-Controller_Relay.SchDoc | | | | |


5VB



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|---|-------------------|----------------|--|---|
| 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: 10.11.2022 | Time: 20:14:22 | Sheet 12 of 14 | | |
| File: Gastroscopy-Controller_Relay.SchDoc | | | | |





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|---|-------------------|----------------|--|
| Title: Accelerometer | | | <div>MRobot, LCC nab. reki Karpovki, d. 5/3E Saint-Petersburg, 197022 Ph: +7 (911) 701-51-99</div> <div> www.mrobots.ru</div> |
| Project: Gastroscopy Controller | | | |
| Size A | Number: 0000-0000 | Revision 0.1.0 | |
| Date: 10.11.2022 | Time: 20:14:23 | Sheet 14 of 14 | |
| File: Gastroscopy-Controller Accelerometer.SchDoc | | | <div>Engineer: Podlesnyi Vasilii</div> |