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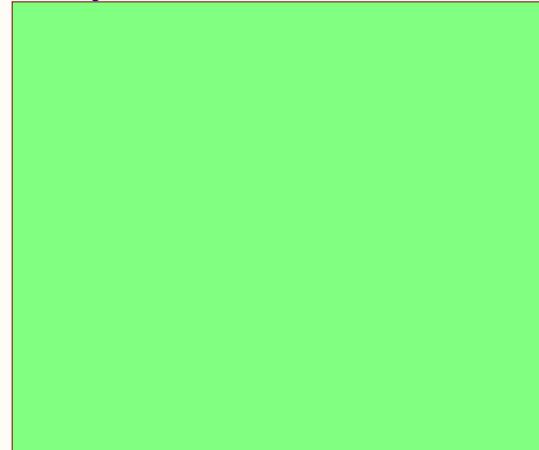
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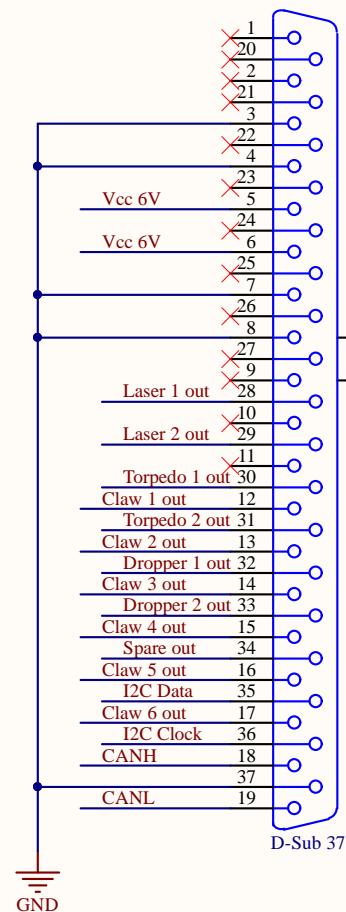
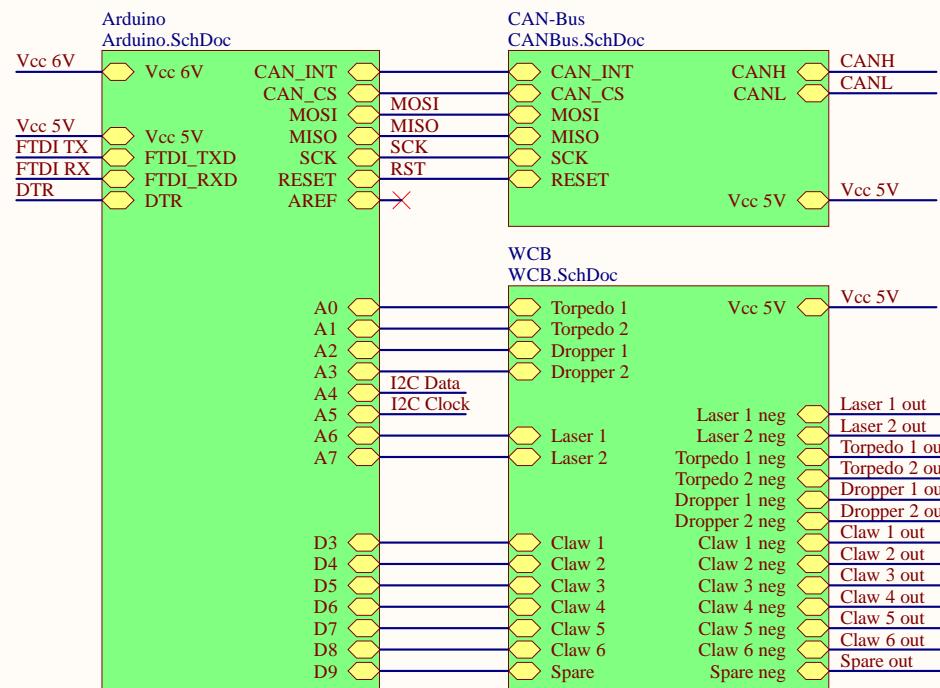
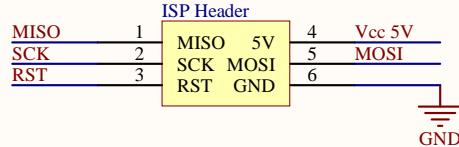
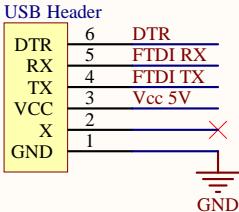
WCB
Block-Diagram.SchDoc



Overview

Title: Overview			
Size: A	Revision: 1	Engineer: Andrew Grewe	
Date: 1/11/2017	Time: 3:14:15 PM	Sheet 1 of 19	
File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Overview.SchDoc			

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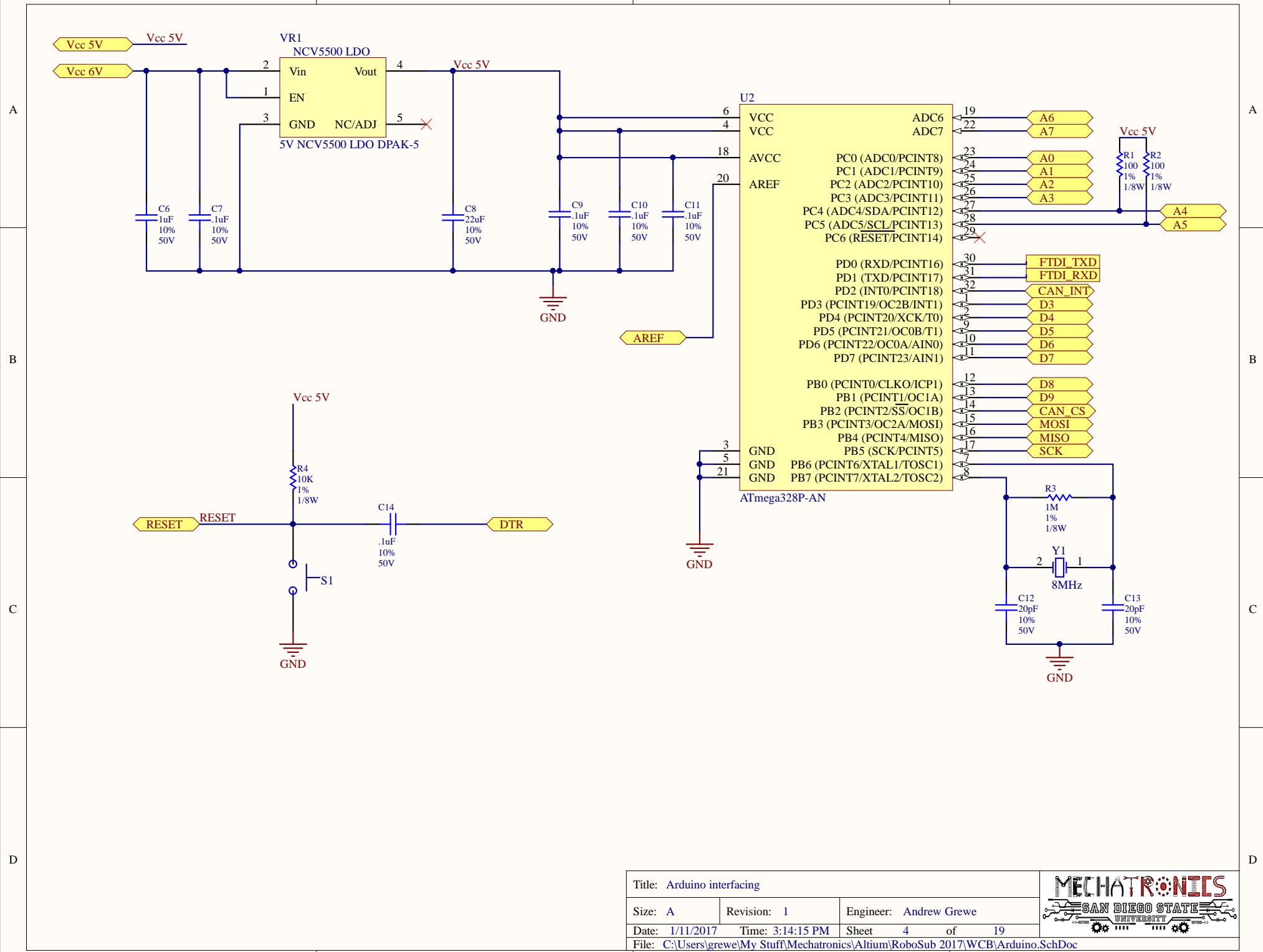
Title: WCB Block Diagram

Size: A | Revision: 1 | Engineer: Andrew Grewe

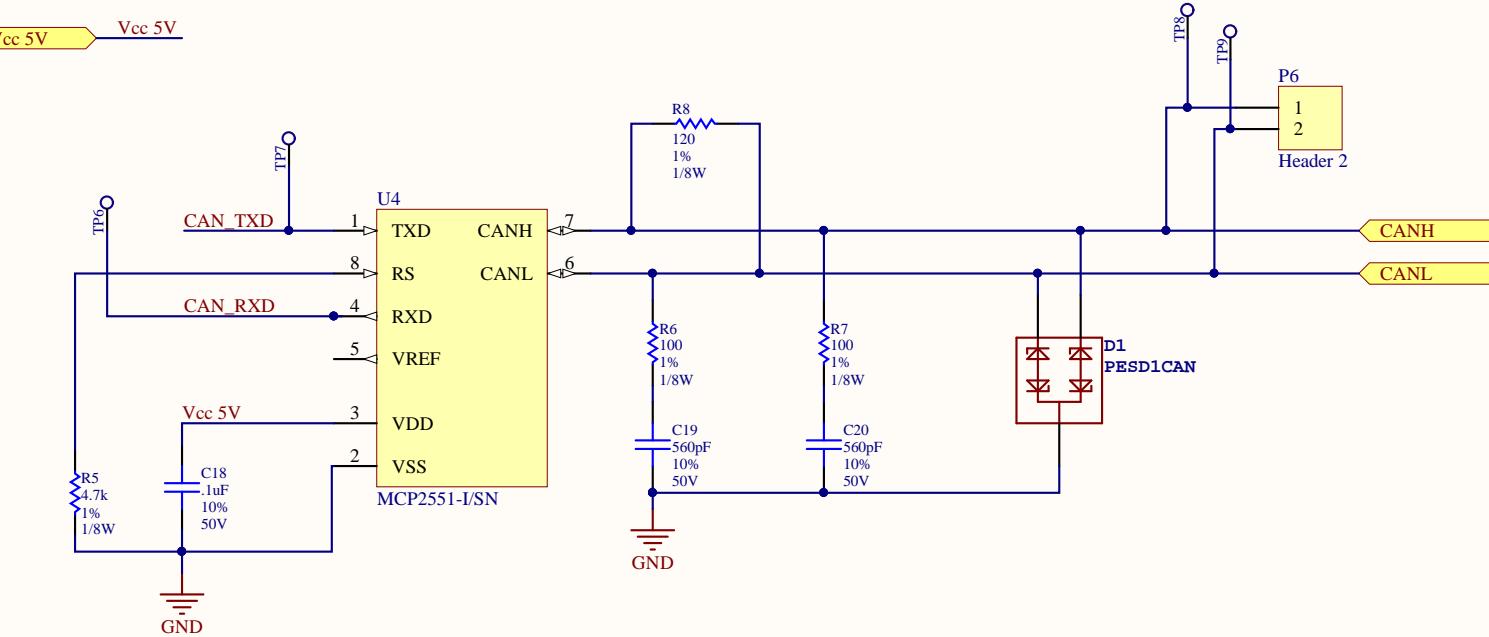
Date: 1/11/2017 Time: 3:14:15 PM Sheet 2 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Block-Diagram.SchDoc

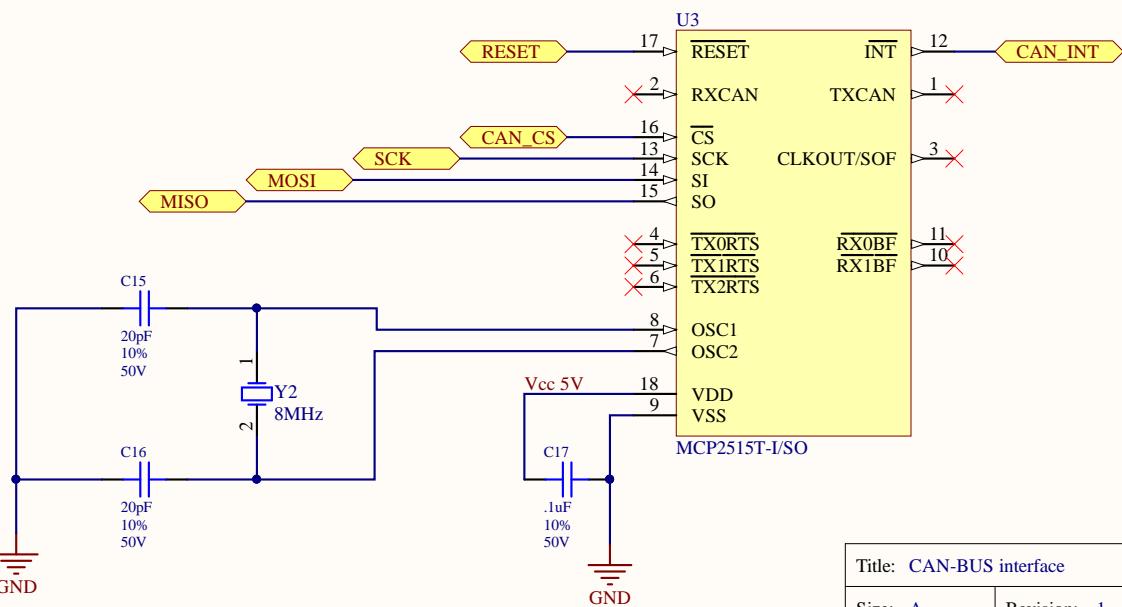




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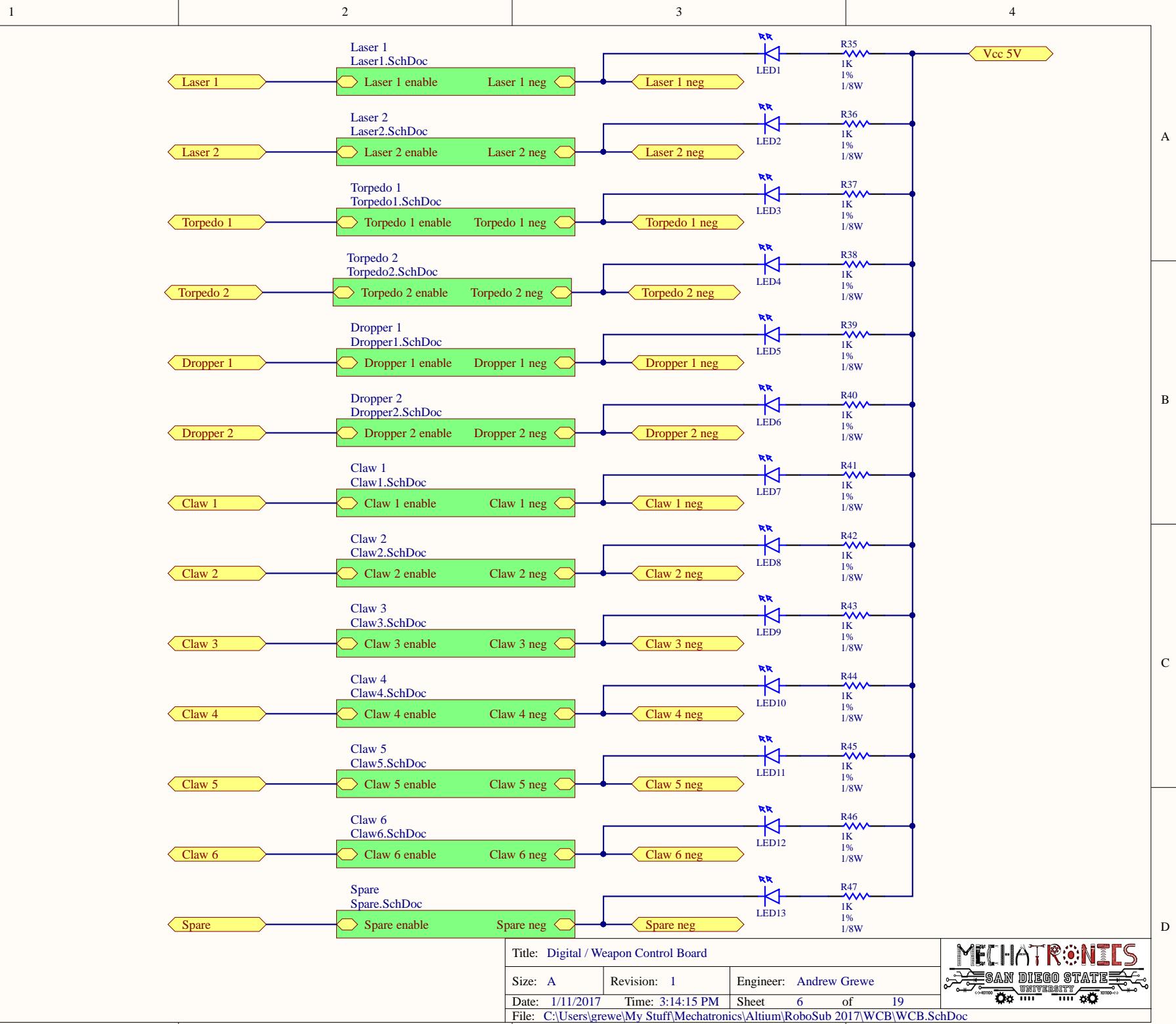
Title: CAN-BUS interface

Size: A | Revision: 1 | Engineer: Ryan Young

Date: 1/11/2017 Time: 3:14:15 PM Sheet 5 of 19

File: C:\Users\grewes\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\CANBus.SchDoc





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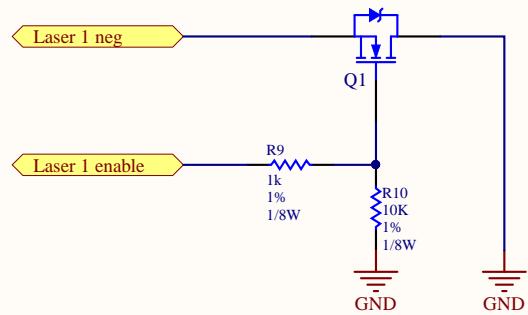
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Title: Laser 1		
Size: A	Revision: 1	Engineer: Andrew Grewe
Date: 1/11/2017	Time: 3:14:15 PM	Sheet 7 of 19
File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Laser1.SchDoc		

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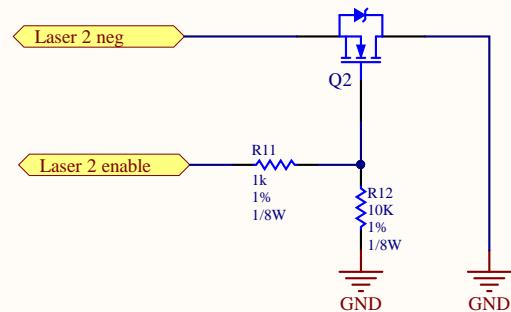
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Title: Laser 2

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:15 PM Sheet 8 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Laser2.SchDoc



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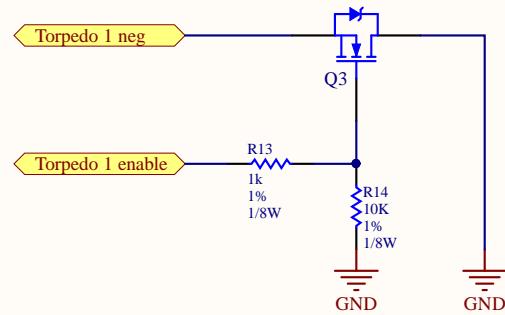
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Title: Torpedo 1		
Size: A	Revision: 1	Engineer: Andrew Grewe
Date: 1/11/2017	Time: 3:14:15 PM	Sheet 9 of 19
File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Torpedo1.SchDoc		

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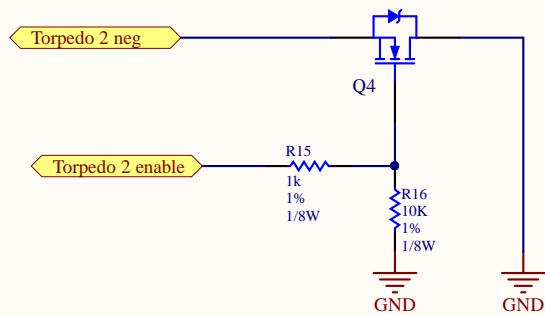
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Title: Torpedo 2		
Size: A	Revision: 1	Engineer: Andrew Grewe
Date: 1/11/2017	Time: 3:14:15 PM	Sheet 10 of 19
File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Torpedo2.SchDoc		

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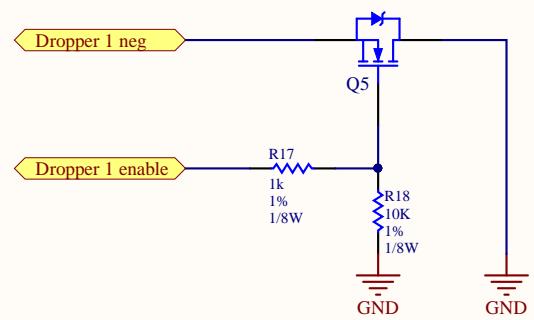
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Title: Dropper 1

Size: A Revision: 1 Engineer: Andrew Grewel

Date: 1/11/2017 Time: 3:14:16 PM Sheet 11 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Dropper1.SchDoc



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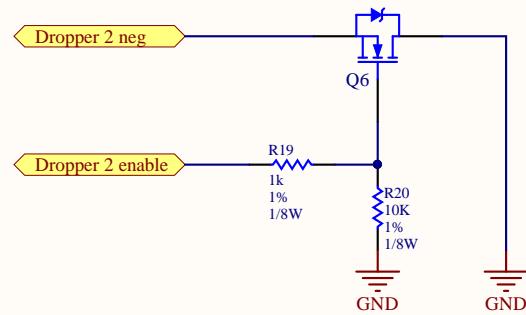
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Title: Dropper 2		
Size: A	Revision: 1	Engineer: Andrew Grewe
Date: 1/11/2017	Time: 3:14:16 PM	Sheet 12 of 19
File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Dropper2.SchDoc		

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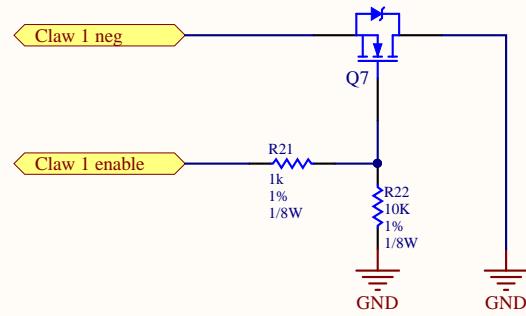
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Title: Claw 1

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:16 PM Sheet 13 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Claw1.SchDoc



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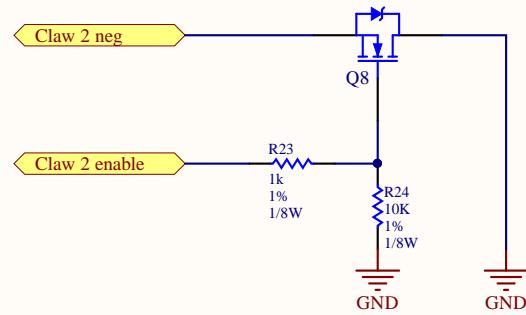
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Title: Claw 2

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:16 PM Sheet 14 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Claw2.SchDoc



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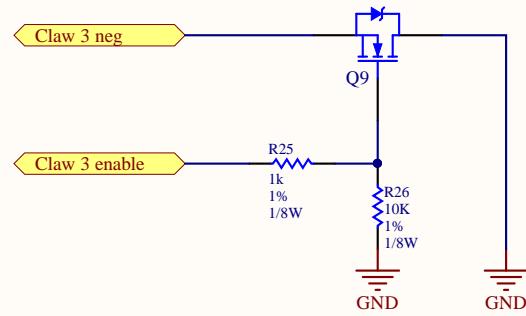
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Title: Claw 1

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:16 PM Sheet 15 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Claw3.SchDoc



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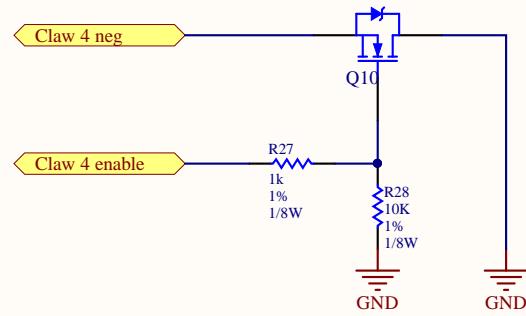
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Title: Claw 1

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:16 PM Sheet 16 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Claw4.SchDoc



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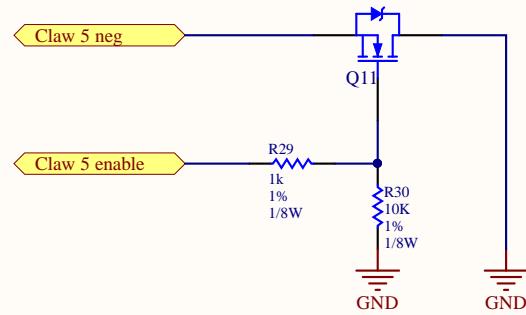
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Title: Claw 1

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:16 PM Sheet 17 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Claw5.SchDoc



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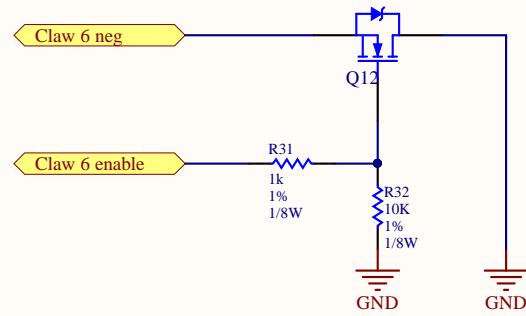
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Title: Claw 1

Size: A Revision: 1 Engineer: Andrew Grewe

Date: 1/11/2017 Time: 3:14:16 PM Sheet 18 of 19

File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Claw6.SchDoc



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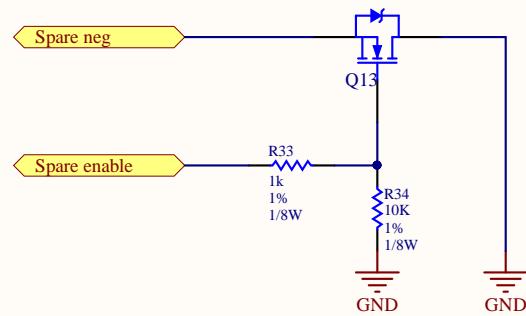
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Title: Spare		
Size: A	Revision: 1	Engineer: Andrew Grewe
Date: 1/11/2017	Time: 3:14:16 PM	Sheet 19 of 19
File: C:\Users\grewe\My Stuff\Mechatronics\Altium\RoboSub 2017\WCB\Spare.SchDoc		

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