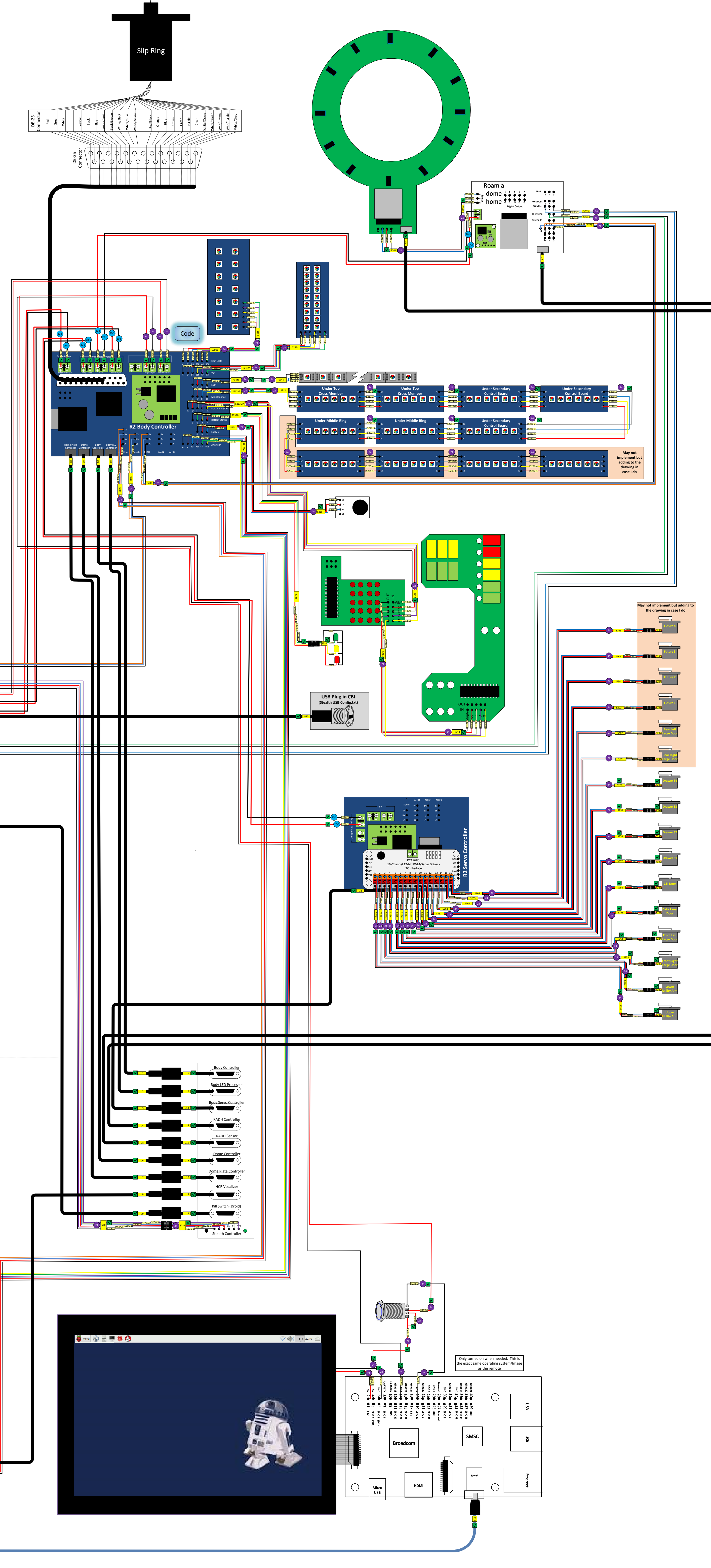
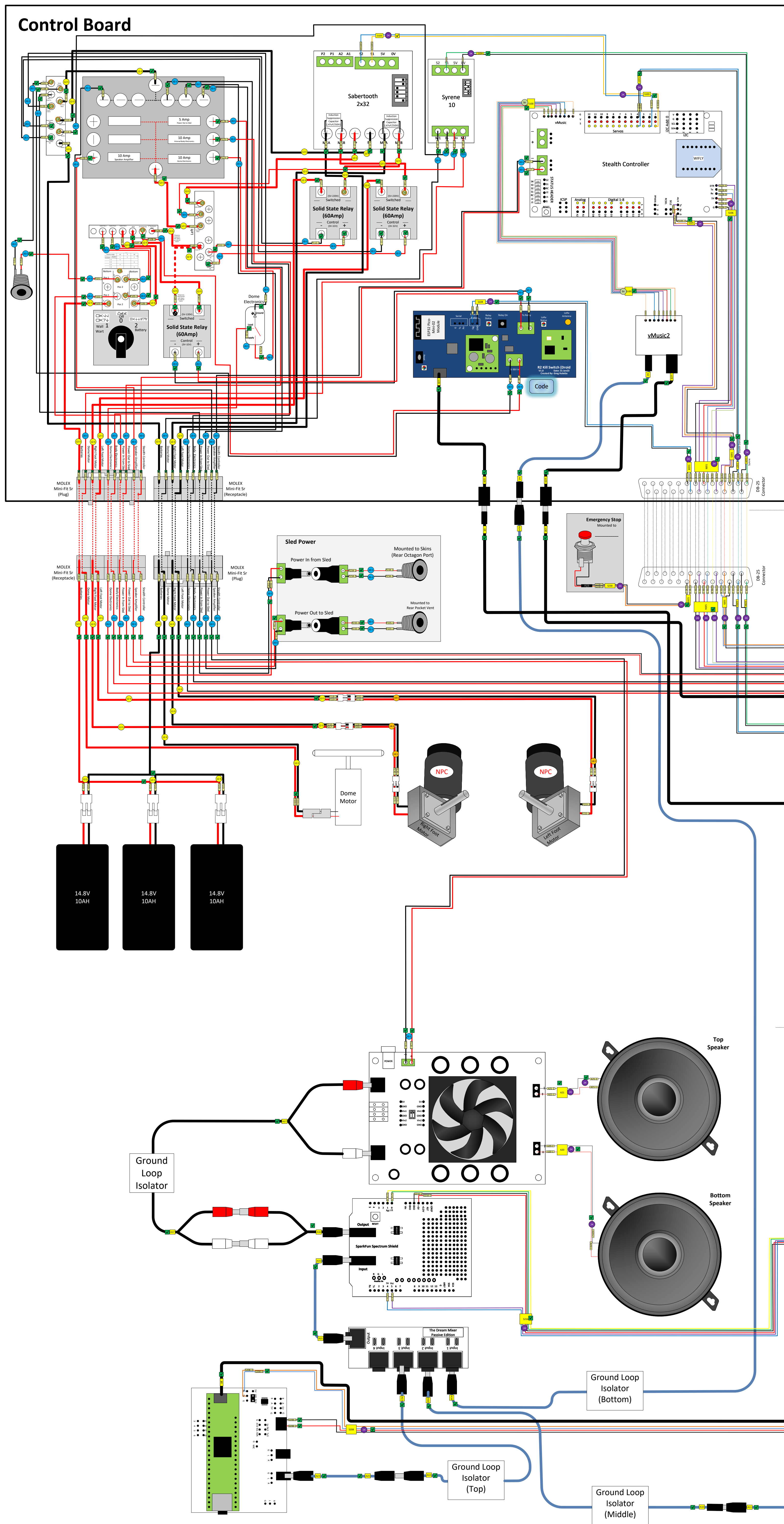
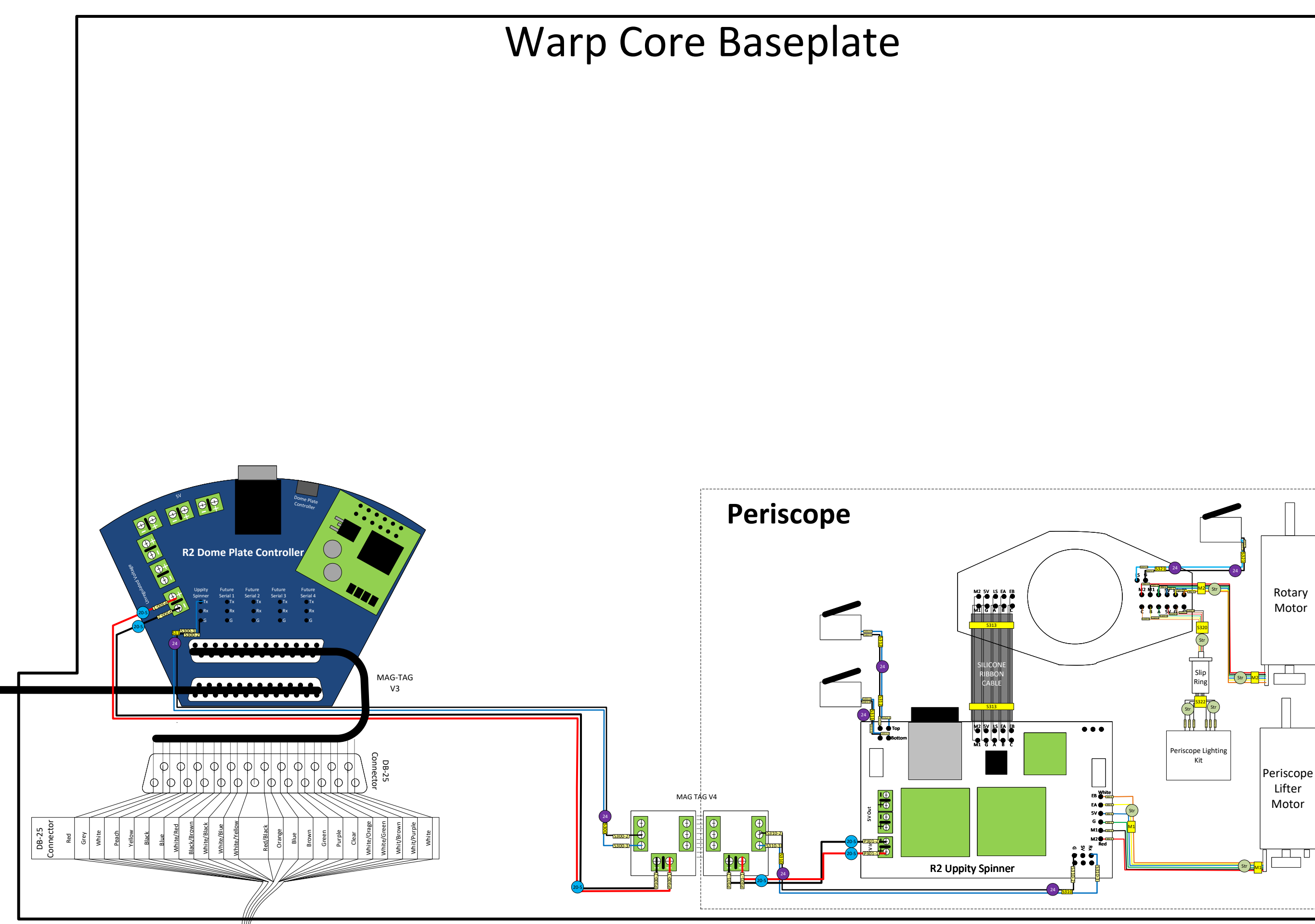
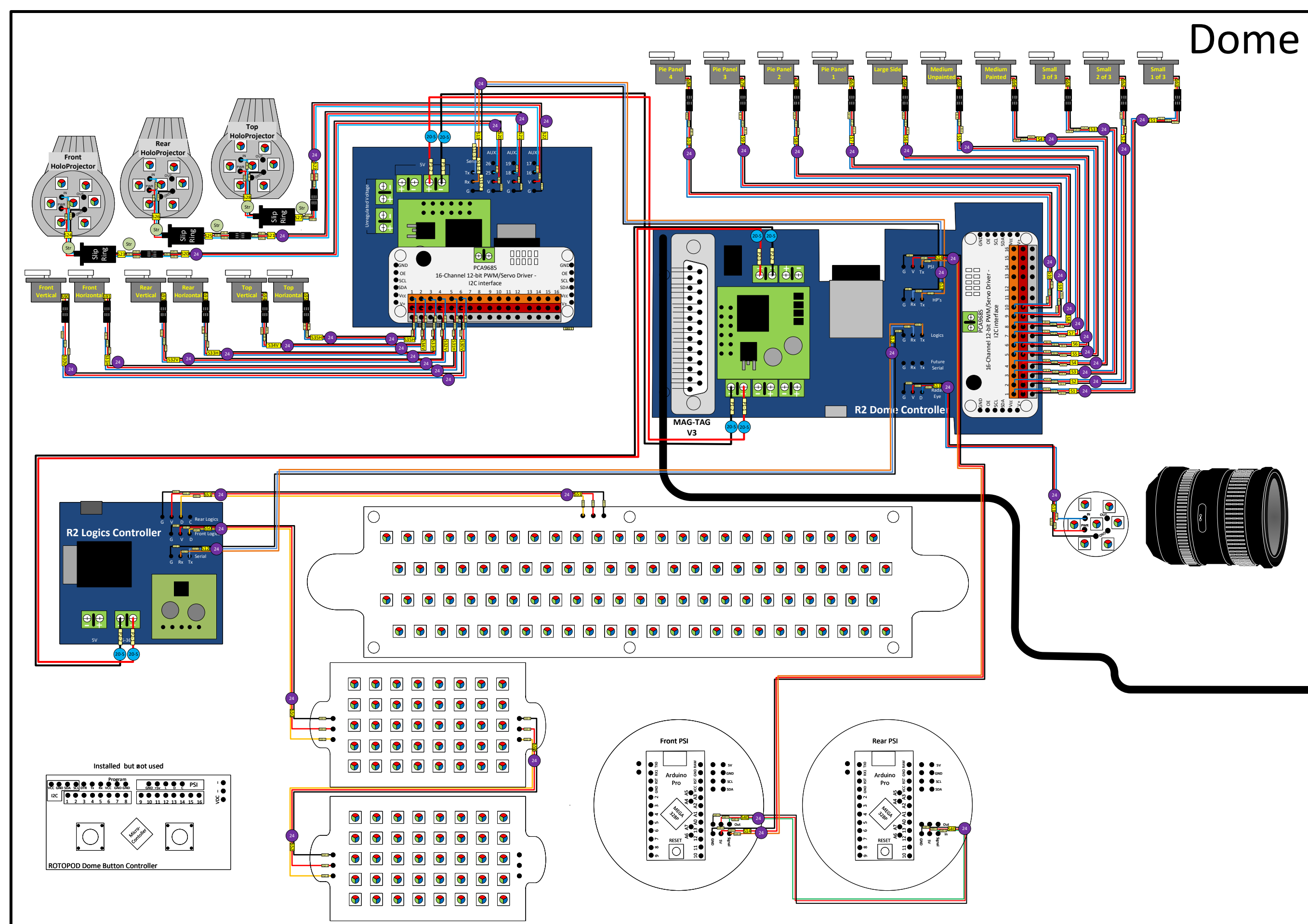
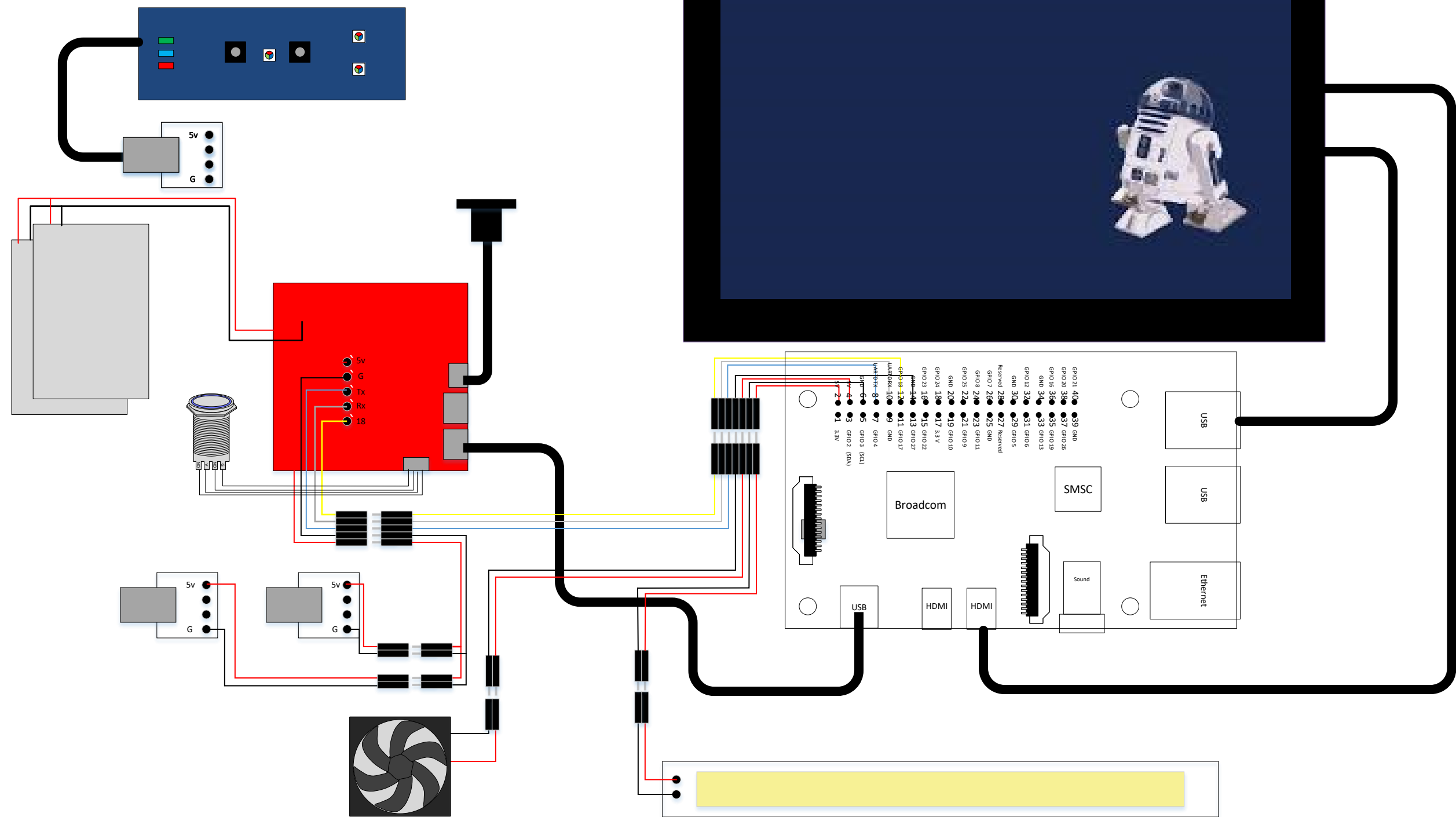


# R2D2-Wiring-Diagram--22-Aug-2023-09-48-AM

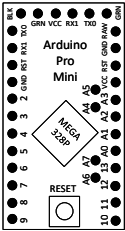
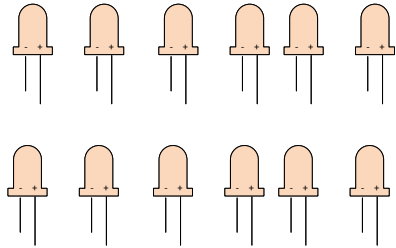
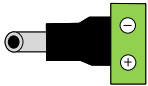
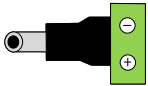
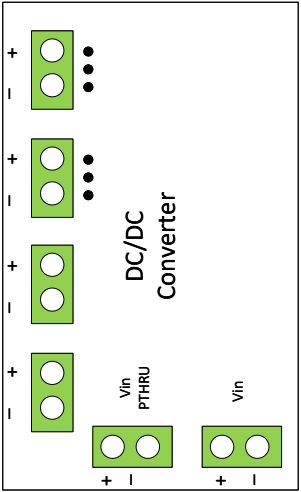
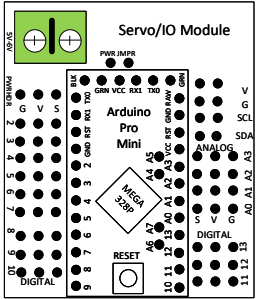
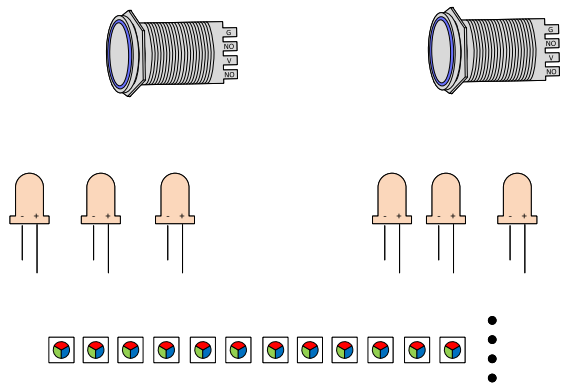




Needs to be verified and Updated

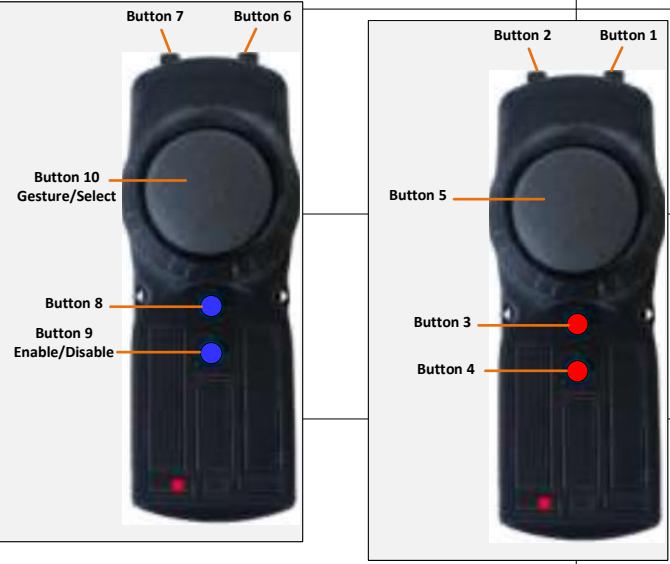


Needs a lot of work



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Actions		Details	Actions		Details	Actions		Details
??	<div><div>←</div><div>Left</div></div>		<b>Normal Operations</b> 1 – Opens the Dome panels 2 – Changes the Camera Lens LED Colors to a random color each time it closes a few panels 3 – Changes the HPs to a random color each time it runs through a cycle of opening and closing	<div><div>←←</div><div>Left, Left</div></div>	<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div><div>←←←</div><div>Left, Left</div></div>	<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<b>Open All Doors</b>  1 – Opens all doors <div><div>●</div><div>Button 1</div></div>
??	<div><div>→</div><div>Right</div></div>	g=656,4,10,5	<b>Panel Wave</b> 1 – Opens the Dome 2 – Changes the Camaera Lens LED Colors to a random color each time it closes a few panels 3 – Sets the HP's to random pulse	<div><div>→→</div><div>Right, Right</div></div>	<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div><div>→→→</div><div>Right, Right, Right</div></div>		<b>Close All Doors</b>  1 – Opens all doors <div><div>●</div><div>Button 2</div></div>
??	<div><div>↑</div><div>Up</div></div>	g=656,4,10,5	<b>Panel Wave Fast</b> 1 – Opens the Dome 2 – Changes the Camaera Lens LED Colors to a random color each time it closes a few panels 3 – Sets the HP's to random pulse	<div><div>↑↑</div><div>Up, Up</div></div>	<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div><div>↑↑↑</div><div>Up, Up, Up</div></div>		<b>Open All Doors</b>  1 – Opens all doors <div><div>●</div><div>Button 3</div></div>
??	<div><div>↓</div><div>Down</div></div>		<b>Dome/Periscope Aniiation</b>	<div><div>↓↓</div><div>Down, Down</div></div>	<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div><div>↓↓↓</div><div>Down, Down, Down</div></div>		<b>Close All Doors</b>  1 – Opens all doors <div><div>●</div><div>Button 4</div></div>
		<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<b>All Open &amp; Close</b> 1 - Waves the Dome Panels 2 - Flashes the Camera LEDs to Random Colors, 3 - Turns the HP LEDs to Rainbow	<div><div>←→</div><div>Left, Right,</div></div>		<div><div>←→←</div><div>Left, Right,</div></div>		
		<div><div>+</div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<b>Harlem Shake</b> 1 - Waves the Dome Panels 2 - Flashes the Camera LEDs to Random Colors, 3 - Turns the HP LEDs to Rainbow	<div><div>→←</div><div>Right, Left,</div></div>		<div><div>→←→</div><div>Right, Left,</div></div>		
			<b>All Close</b>	<div><div>↑↓</div><div>Up. Down</div></div>		<div><div>↑↓↑</div><div>Up. Down</div></div>		
				<div><div>↓↑</div><div>Down, Up</div></div>		<div><div>↓↑↓</div><div>Down, Up</div></div>		





## Back to Quick Reference

**Action** Tab

## Gesture

## Stealth Config.txt

Space Holer

**Body Servo  
Expander  
I2C = 9**

**Body Arduino Pro  
Mini  
I2C = 8**

**Body Arduino Mega**  
**I2C = 7**

**Dome Expander**  
**I2C = 10**

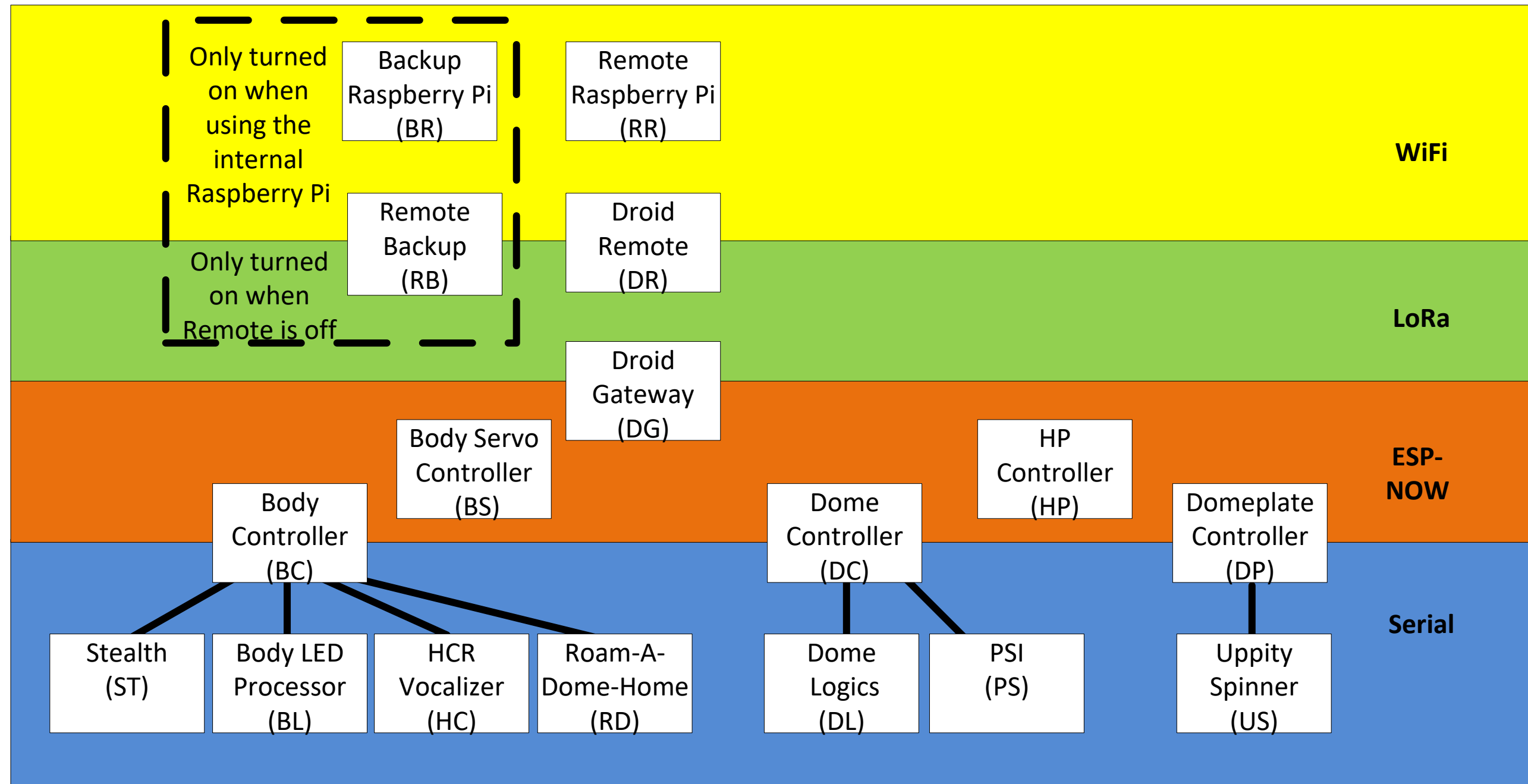
Flthy HP  
I2C = 25

HP Servo  
Board  
I2C = 65

## Teeces (Serial)


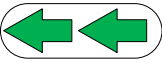
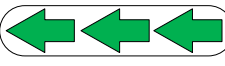

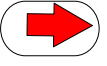




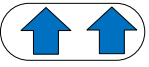







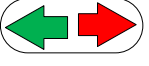





## Teeces (Serial)

# Communication Layers



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Actions	Details	Actions	Details	Actions	Details	Actions	Details
Normal Operations 	g=4,5,1 a=A01	Harlem Shake 	g=454,5,5 a=A06	Open/Close Easing 	g=45454,5,9 a=A13	Toggle Lights 	b=1,5,13 a=A10 Button 1
Panel Wave 	g=6,5,2 a=A02	Door Wave 	g=656,5,6 a=A12			Vader Theme 	lb=1,5,11 a=A16 LONG BTN 1
Panel Wave Fast 	g=2,5,3 a=A03	Short Circuit 	g=252,5,7 a=A14			Fart Noise 	b=2,5,14 a=A21 Button 2
Dome & Periscope 	g=8,5,4 a=A04	Periscope Seq 2 	g=858,5,8 a=A17	Periscope Seq 10 		Star Wars Theme 	lb=2,5,10 a=A15 LONG BTN 2
						Flutter 	b=3,5,15 a=A08 Button 3
					g=85858,5,12 a=A18	Toggle Door Open/Close 	b=4,5,16 a=A09 Button 4
		