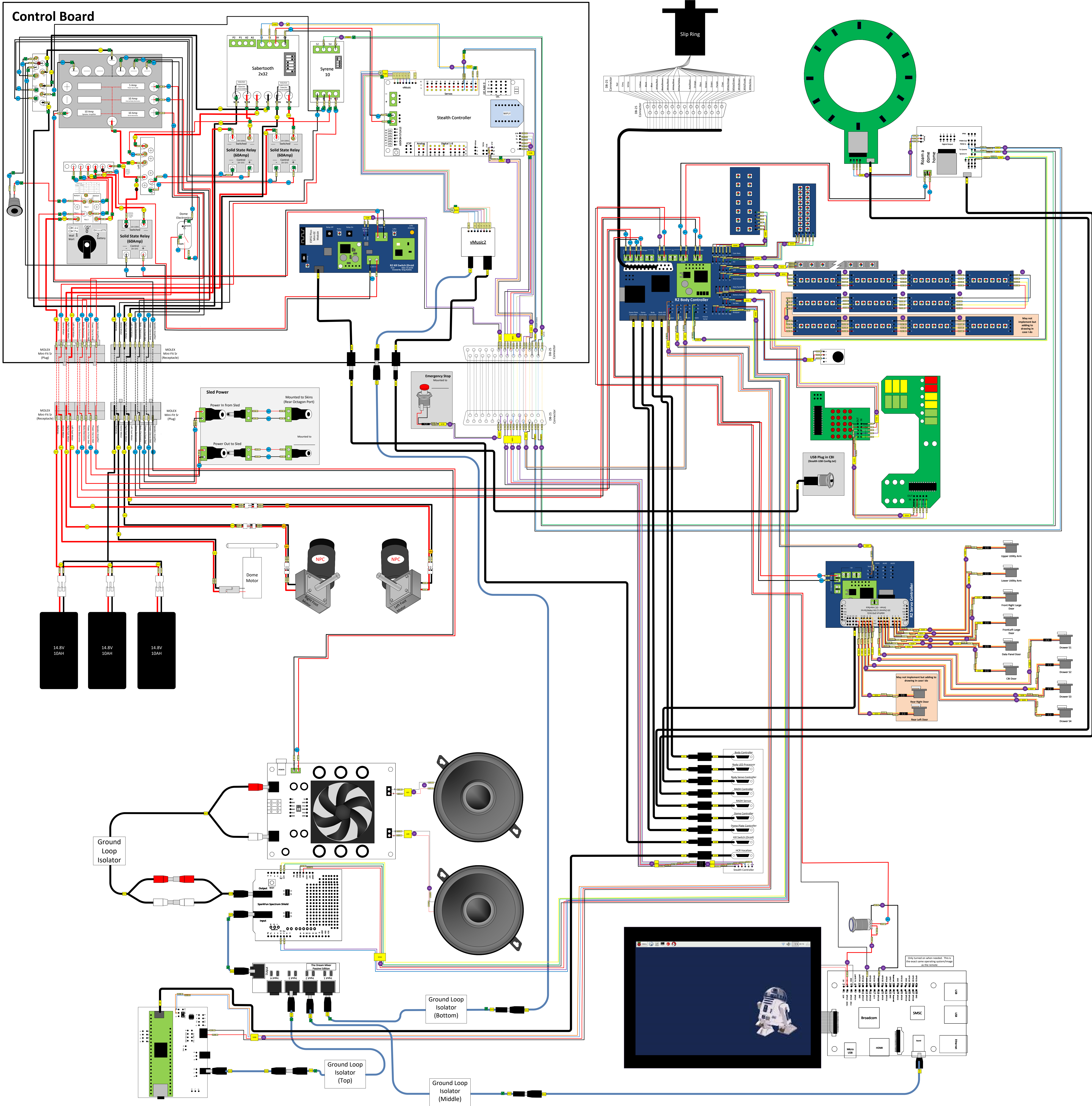
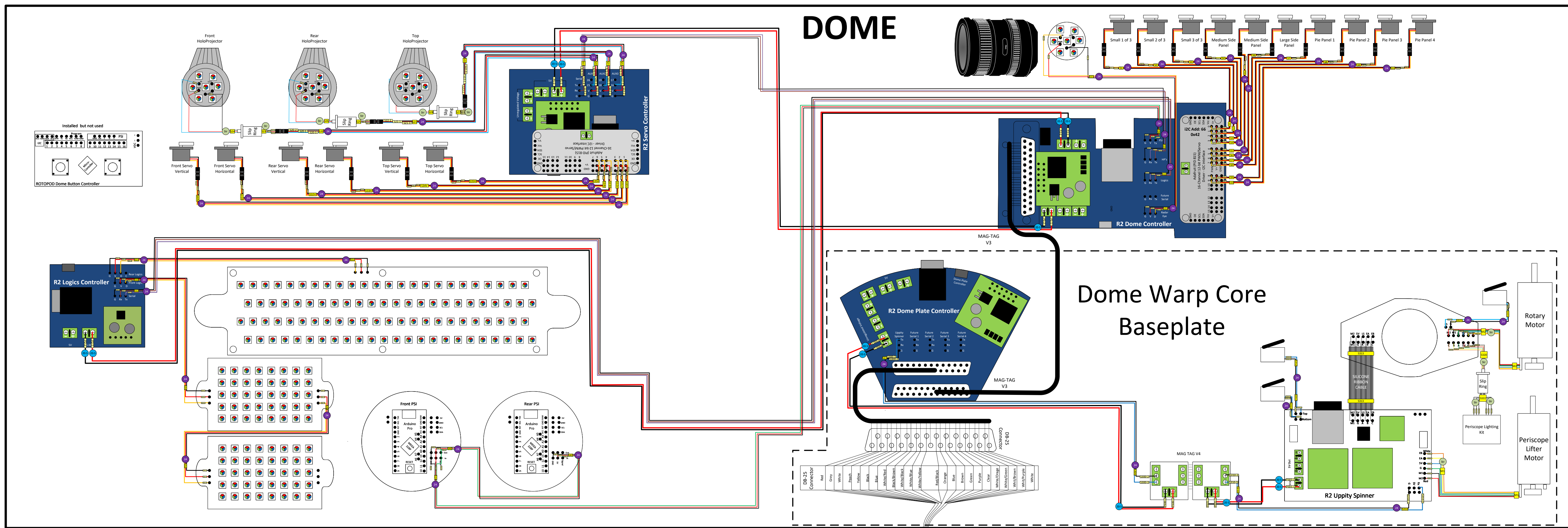
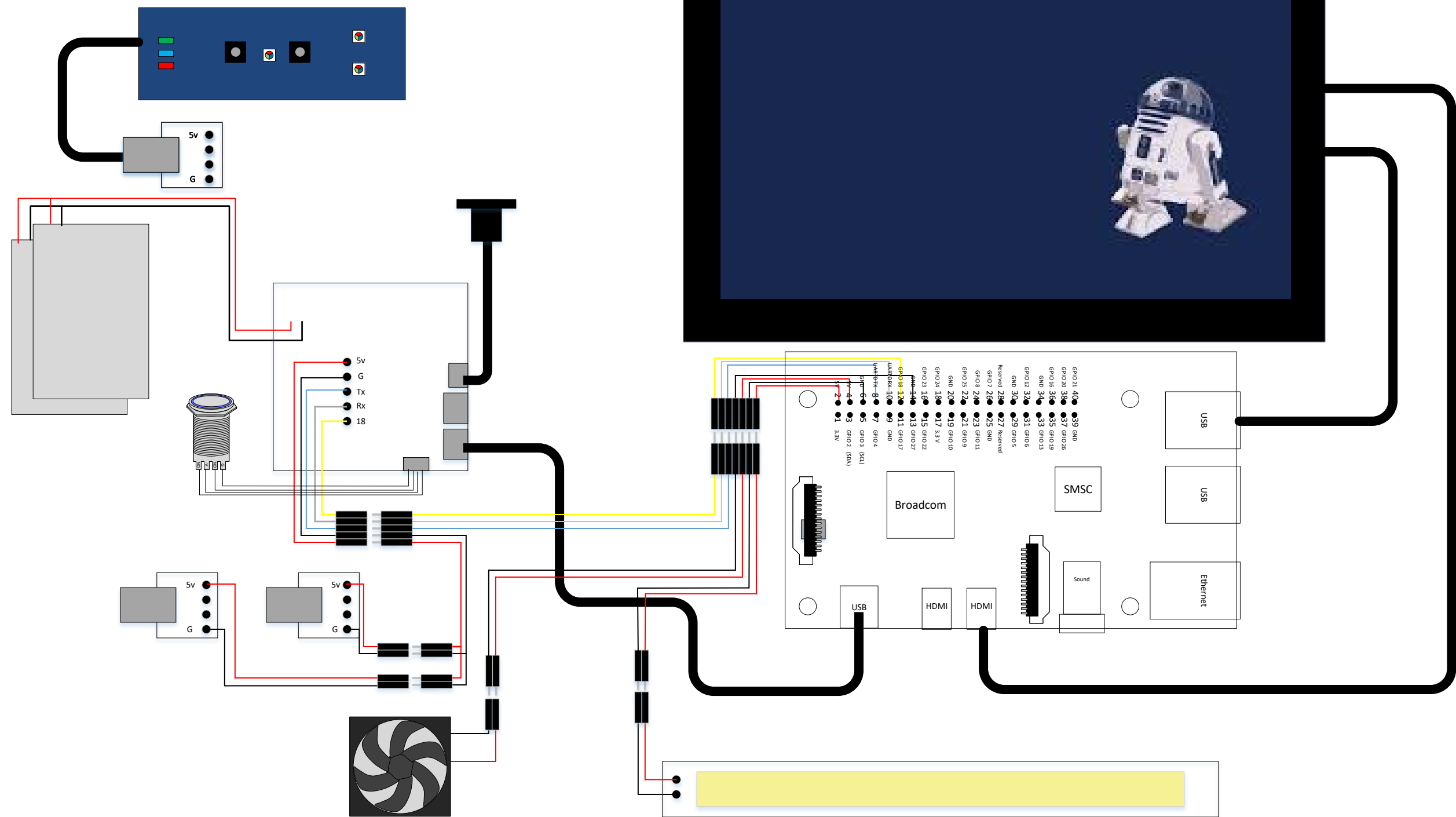


# R2D2-Wiring-Diagram--28-Mar-2023-11-13-AM.vsdm

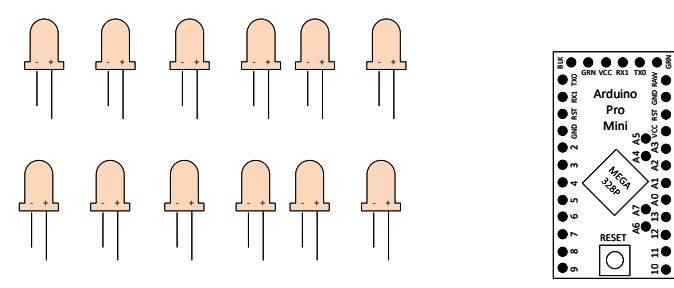
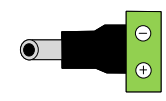
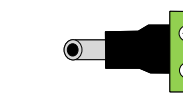
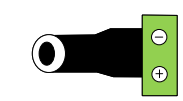
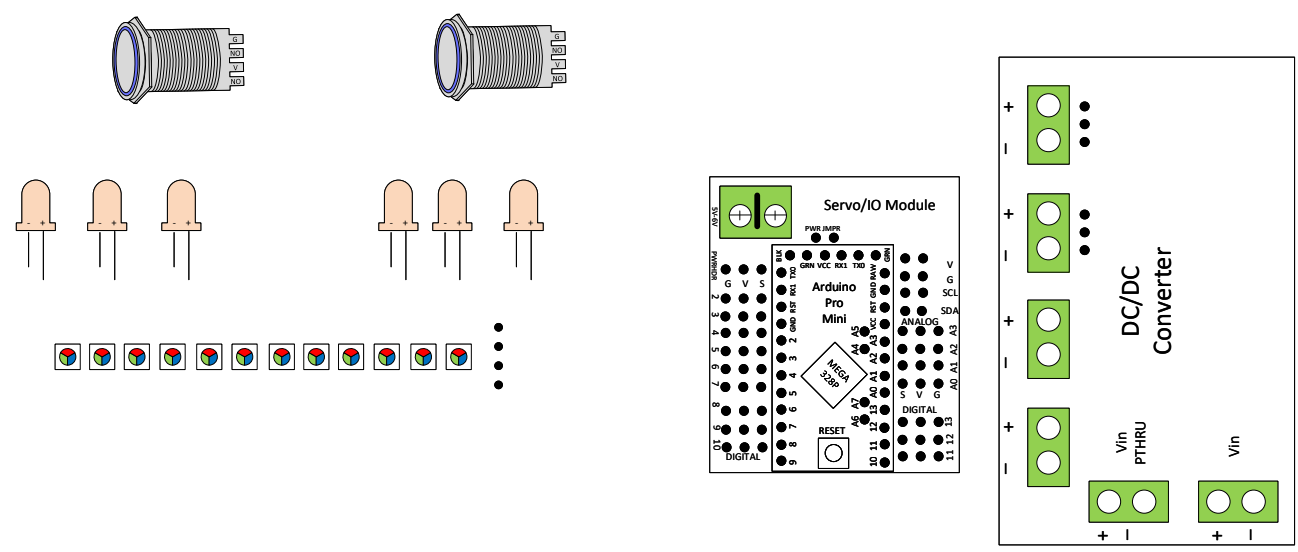




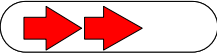


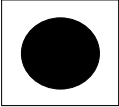


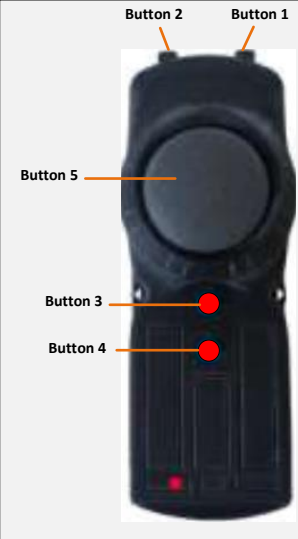




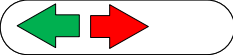



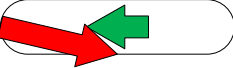


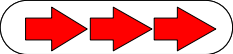




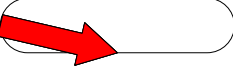
Needs to be verified and Updated



Needs a lot of work



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Actions	Details	Actions	Details	Actions	Details	Actions	Details
<div>Open/Close Dome</div> <div>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>Right, Right</div></div>	<div>g=656,4,10,5</div>	<div>HP Rainbow</div> <div>1 - Waves the Dome Panels 2 - Flashes the Camera LEDs to Random Colors, 3 - Turns the HP LEDs to Rainbow</div> <div><div>Up, Up</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div>Utility Arms Open/Close</div> <div>1 – Opens and closes the Utility Arms</div> <div><div>Button 4</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div><div>Button 7 Button 6 Button 10 Gesture/Select Button 8 Button 9 Enable/Disable</div></div> <div><div>Button 2 Button 1 Button 5 Button 3 Button 4</div></div>	
<div>Quick Wave</div> <div>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>Left, Left</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div>HP Cyclone Blue</div> <div>1 - Waves the Dome Panels 2 - Flashes the Camera LEDs to Random Colors, 3 - Turns the HP LEDs to Rainbow</div> <div><div>Down, Down</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>				
<div>Random Jittery Wave</div> <div>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>Left, Right,</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>	<div>HP Random Color Pulse</div> <div>1 – Pulses the HP’s a random Color at medium speed</div> <div><div>Down, Up</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>				
<div></div> <div><div>Right, Left,</div></div>		<div>HP Leia Message</div> <div>1 – Plays the HP’s at the Leia function</div> <div><div>Up. Down</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>				
<div>Wave 1</div> <div>1 - Waves the Dome Panels 2 - Flashes the Camera LEDs to Random Colors, 3 - Turns the HP LEDs to Rainbow</div> <div><div>Right, Right, Right</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>						
<div>Wave 2</div> <div>1 - Waves the Dome Panels 2 - Flashes the Camera LEDs to Random Colors, 3 - Turns the HP LEDs to Rainbow</div> <div><div>Left, Left, Left</div></div>	<div><div>Double Click</div><div>Double Click to get To the Details Page</div></div>						
<div></div> <div><div>Left, Right, Left</div></div>							
<div></div> <div><div>Right, Left, Right</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**

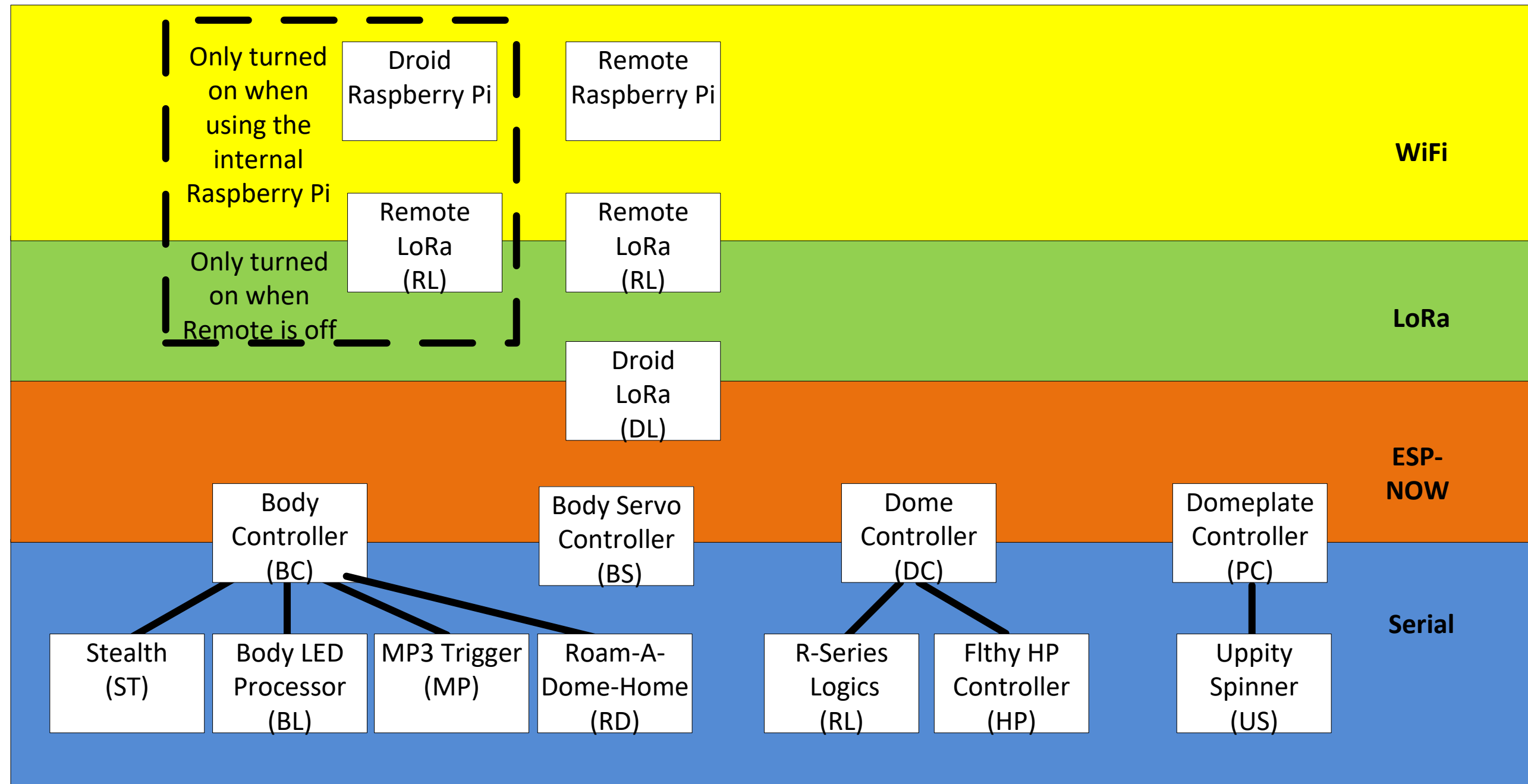
**Flthy HP**  
**I2C = 25**

**HP Servo  
Board  
I2C = 65**

## Teeces (Serial)

**Teeces  
(Serial)**

# Communication Layers



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