



Name	Properties
power_block_to_uc_dcpwr	<ul style="list-style-type: none"> <li>• <b>Ipeak:</b> 1A</li> <li>• <b>Vnominal:</b> 11v+-.2V</li> <li>• <b>Vripple:</b> &lt;1.5 pk-pk</li> </ul>
uc_to_motors_dsig	<ul style="list-style-type: none"> <li>• <b>Logic-Level:</b> 5v</li> <li>• <b>Other:</b> Nominal Frequency: About 30.517578</li> <li>• <b>Other:</b> Max High Time: 1800us</li> <li>• <b>Other:</b> 2 PWM outputs</li> <li>• <b>Other:</b> Min High Time: 1200us</li> </ul>
uc_to_uc_code_data	<ul style="list-style-type: none"> <li>• <b>Datarate:</b> 9600 Baud</li> <li>• <b>Messages:</b> Value between 0-100 that represents motor power</li> <li>• <b>Protocol:</b> UART</li> </ul>
uc_to_z_plane_motor_dsig	<ul style="list-style-type: none"> <li>• <b>Logic-Level:</b> 5v</li> <li>• <b>Other:</b> Nominal Frequency: 30.517578Hz</li> <li>• <b>Other:</b> PWM</li> </ul>
uc_code_to_uc_data	<ul style="list-style-type: none"> <li>• <b>Datarate:</b> PWM Frequency: &lt; 400Hz</li> <li>• <b>Other:</b> OCR1x Low value: 2200</li> <li>• <b>Other:</b> OCR1x High Value: 3800</li> </ul>
com_buoy_electrical_to_uc_comm	<ul style="list-style-type: none"> <li>• <b>Datarate:</b> 9600 Baud</li> <li>• <b>Messages:</b> 4 character string with final character being '~'</li> <li>• <b>Protocol:</b> UART via RS232</li> </ul>