

Test Writer: Daniel Frister						
Test Case Name:		Block of Code Connector Check			Test ID:	ABC-Hardware-01
Description:		Verify electrical connectivity of all processor pins and connectors.			Type:	Black box
Tester Information:						
Name of Tester:		Daniel Frister and Greg Stromire			Date:	5/28/2015
Harware Ver:		BlockBoard v2.2			Time:	2:00 PM
Setup:		A fully populated individual Block with no external connections. A digital multimeter will be required.				
Ste	Action	Expected Result	Pass	Fail	Comments	
1	Measure from processor pin 1 to each connector pin 9.	Electrical connection present.	Pass			
2	Measure from processor Pin 2 to left connector pin 3.	Electrical connection present.	Pass			
3	Measure from processor pin 3 to each connector pin 8.	Electrical connection present.	Pass			
4	Measure from processor pin 4 to bottom connector pin 3.	Electrical connection present.	Pass			
5	Measure from processor pin 5 to each connector pin 7.	Electrical connection present.	Pass			

6	Measure from processor pin 6 to each connector pin 6.	Electrical connection present.	Pass			
7	Measure from processor pin 7 to bottom and left connector's pin 5.	Electrical connection present.	Pass			
8	Measure from processor pin 8 to right connector pin 3.	Electrical connection present.	Pass			
9	Measure from processor pin 9 to top connector pin 3.	Electrical connection present.	Pass			
10	Measure from processor pin 10 to each connector pin 1.	Electrical connection present.	Pass			
11	Measure from processor pin 11 to right and up connector's pin 4.	Electrical connection present.	Pass			
12	Measure from processor pin 12 to right and up connector's pin 5.	Electrical connection present.	Pass			
13	Measure from processor pin 15 to each connector pin 7.	Electrical connection present.	Pass			
14	Measure from processor pin 16 to each connector pin 6.	Electrical connection present.	Pass			

15	Measure from processor pin 20 to left and bottom connector's pin 4.	Electrical connection present.	Pass			
Overall test result			Pass			