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:			**Date:**	
Harware Ver:	BlockBoard v2.2		**Time:**	
Setup:	A fully populated individual Block with no external connections. A digital multimeter will be required.			

Step	Action	Expected Result	Pass	Fail	Comments
1	Measure from processor pin 1 to each connector pin 9.	Electrical connection present.			
2	Measure from processor Pin 2 to left connector pin 3.	Electrical connection present.			
3	Measure from processor pin 3 to each connector pin 8.	Electrical connection present.			
4	Measure from processor pin 4 to bottom connector pin 3.	Electrical connection present.			
5	Measure from processor pin 5 to each connector pin 7.	Electrical connection present.			
6	Measure from processor pin 6 to each connector pin 6.	Electrical connection present.			
7	Measure from processor pin 7 to bottom and left connector's pin 5.	Electrical connection present.			

8	Measure from processor pin 8 to right connector pin 3.	Electrical connection present.				
9	Measure from processor pin 9 to top connector pin 3.	Electrical connection present.				
10	Measure from processor pin 10 to each connector pin 1.	Electrical connection present.				
11	Measure from processor pin 11 to right and up connector's pin 4.	Electrical connection present.				
12	Measure from processor pin 12 to right and up connector's pin 5.	Electrical connection present.				
13	Measure from processor pin 15 to each connector pin 7.	Electrical connection present.				
14	Measure from processor pin 16 to each connector pin 6.	Electrical connection present.				
15	Measure from processor pin 20 to left and bottom connector's pin 4.	Electrical connection present.				
Overall test result						