

Test Writer: Daniel Frister						
Test Case Name:		Block of Code Global Bus Check		Test ID:	ABC-Hardware-02	
Description:		Verify global bus connectivity when in operating configuration.		Type:	Black box	
Tester Information:						
Name of Tester:		Daniel Frister		Date:	5/29/2015	
Hardware Ver:		BlockBoard v2.2		Time:	4:00 PM	
Setup:		A fully populated set of block boards. A digital multimeter will be required.				
Ste	Action	Expected Result	Pass	Fail	Comments	
1	Connect all boards using top and bottom connectors.	Connectors should seat completely.	Pass			
2	Measure between bottom connector pin 1 on bottom board and top connector pin 1 on top board.	Electrical connection present.	Pass			
3	Measure between bottom connector pin 6 on bottom board and top connector pin 6 on top board.	Electrical connection present.	Pass			
4	Measure between bottom connector pin 7 on bottom board and top connector pin 7 on top board.	Electrical connection present.	Pass			

5	Measure between bottom connector pin 8 on bottom board and top connector pin 8 on top board.	Electrical connection present.	Pass			
6	Measure between bottom connector pin 9 on bottom board and top connector pin 9 on top board.	Electrical connection present.	Pass			
7	Measure between bottom connector pin 7 on bottom board and top connector pin 7 on top board.	Electrical connection present.	Pass			
8	Connect all boards using left and right connectors.	Connectors should seat completely.	Pass			
9	Measure between left connector pin 1 on left board and right connector pin 1 on right board.	Electrical connection present.	Pass			
10	Measure between left connector pin 6 on left board and right connector pin 6 on right board.	Electrical connection present.	Pass			
11	Measure between left connector pin 7 on left board and right connector pin 7 on right board.	Electrical connection present.	Pass			

12	Measure between left connector pin 8 on left board and right connector pin 8 on right board.	Electrical connection present.	Pass			
13	Measure between left connector pin 9 on left board and right connector pin 9 on right board.	Electrical connection present.	Pass			
Overall test result			Pass			