

Pin	Function	Shifted Function	Notes
A1	Digital Pad Up	Analog Stick Up	Use shift to switch between digital pad and left analog stick
A2	Digital Pad Down	Analog Stick Down	
A3	Digital Pad Left	Analog Stick Left	
A4	Digital Pad Right	Analog Stick Right	
A5	Button 1		
A6	Button 2		
A7	*Shift Status LED		Connect external LED to this pin.
A8	*Connectivity Status LED		Connect external LED to this pin
A9	Button 3		
A10	Button 4		
B1	Button 5		
B2	Button 6		
B3	Button 7		
B4	Button 8		
B5	Button 9		
B6	Button 10		
B7	Button 11		
B8	Button 12		
B9	Button 13		
B10	(Unused)		Unused
HWB	Shift		Press to access shifted functions. Double click for shift lock
+5V	+5V Power Output		+5V power for external peripherals
RST	Reset		Restart the device
GND	Ground		Ground pin. Recommend a daisy chain ground harness is used for wiring controls.