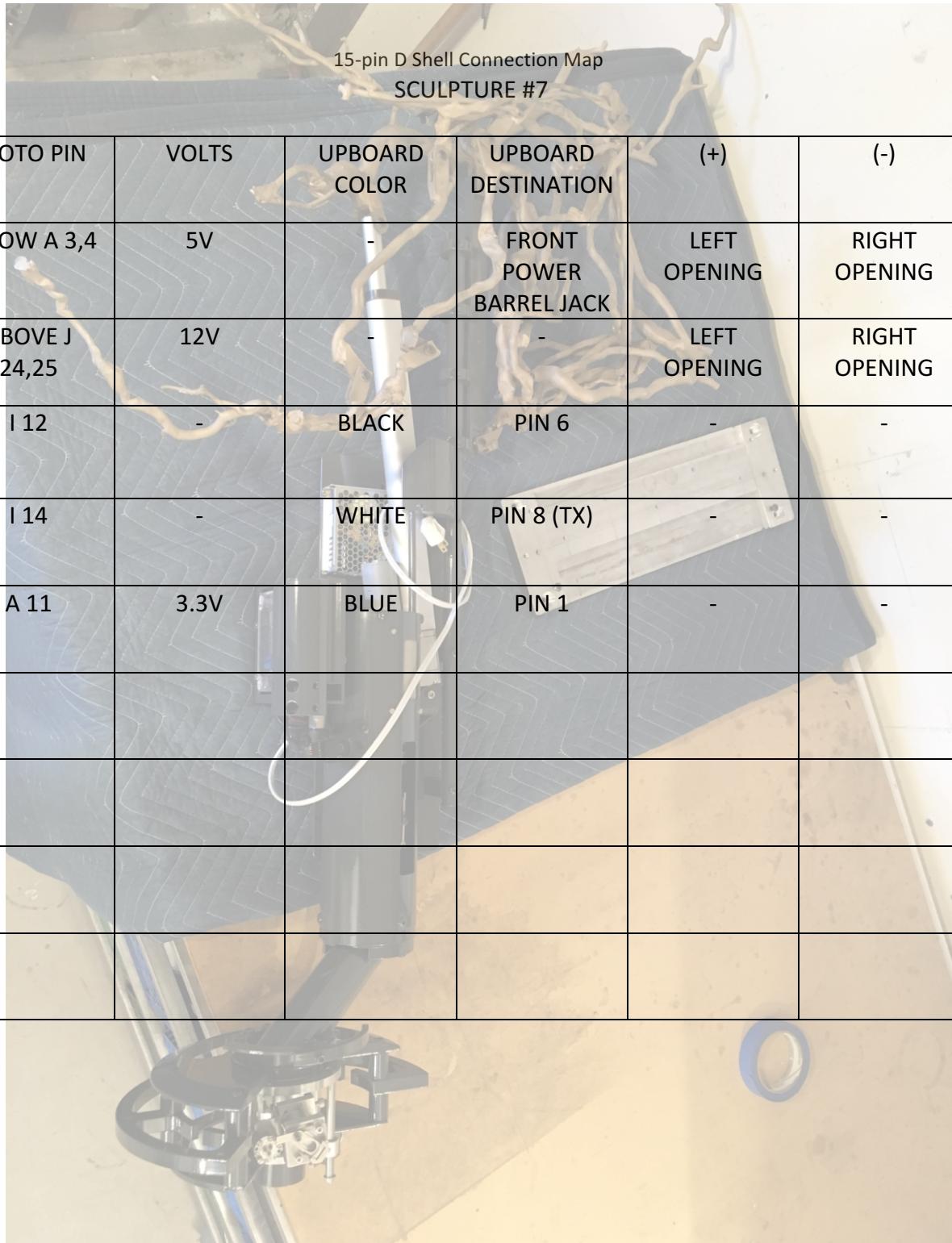


15-pin D Shell Connection Map
SCULPTURE #7

Function	Description (+/-, signal)	Color	15-pin assignment	Color	Proto Pin	Arduino Pin
12v	LED (+) 1	YELLOW	1	YELLOW	12V RAIL	-
12v	LED (+) 2	PINK	2	PINK	12V RAIL	-
12v	Z DRIVE A(+/-)	ORANGE	3	ORANGE	-	-
6v		TAN	4	TAN	-	-
5v	Z POS (+)	RED	5	RED	5V RAIL (+)	-
Data	Z (SIGNAL)	GREEN	6	GREEN	A 7	-
Data		BLUE	7	BLUE	-	-
Data		LT BLUE	8	LT BLUE	-	-
Data		MED BLUE	9	MED BLUE	-	-
Data		LT GREEN	10	LT GREEN	-	-
GND	Z DRIVE B (+/-)	BROWN	11	BROWN	-	-
GND	Z POS (-)	BLACK	12	BLACK	5 V RAIL (-)	-
GND	LED (-) 1,2	GREY	13	GREY	I 26	-
GND		WHITE	14	WHITE	-	-
GND		PURPLE	15	PURPLE	-	-



CONNECTOR	PROTO PIN	VOLTS	UPBOARD COLOR	UPBOARD DESTINATION	(+)	(-)	ARDUINO
SCREW TERMINAL	BELOW A 3,4	5V	-	FRONT POWER BARREL JACK	LEFT OPENING	RIGHT OPENING	-
SCREW TERMINAL	ABOVE J 24,25	12V	-	-	LEFT OPENING	RIGHT OPENING	-
PIN	I 12	-	BLACK	PIN 6	-	-	GND
PIN	I 14	-	WHITE	PIN 8 (TX)	-	-	RXO
PIN	A 11	3.3V	BLUE	PIN 1	-	-	A 7