15-pin D Shell Connection Map
SCULPTURE #6

Function	Description (+/-, signal)	Color	15-pin assignment	Color	Proto Pin	Arduino Pin
12v	LED (+)	YELLOW	1	YELLOW	-	-
12v	X (+)	PINK	2	PINK	-	
12v	Y (+)	ORANGE	3	ORANGE	-	-
12v	Z (+)	TAN	4	TAN	-	-
5v	POT (+)	RED	5	RED	-	-
Data	X (RETURN)	GREEN	6	GREEN	-	A 0
Data	Y (RETURN)	BLUE	7	BLUE	-	A 1
Data	Z (RETURN)	LT BLUE	8	LT BLUE	-	A 2
Data	-	MED BLUE	9	MED BLUE	-	-
Data	-	LT GREEN	10	LT GREEN	-	-
GND	X (-)	BROWN	11	BROWN	-	-
GND	Y (-)	BLACK	12	BLACK	-	-
GND	LED (-)	GREY	13	GREY	-	-
GND	Z (-)	WHITE	14	WHITE	-	-
GND	POT (-)	PURPLE	15	PURPLE	-	-

15-pin D Shell Connection Map
SCULPTURE #6

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	J 12	-	BLACK	PIN 6	-	-	GND
PIN	J 14	-	WHITE	PIN 8 (TX)	-	-	RXO
PIN	A 11	3.3V	BLUE	PIN 1	-	-	A 7
DRIVE PWM X	J 2						D 11
DRIVE PWM Y	J 3						D 10
DRIVE PWM Z	J 7						D 6
DIRECT 5V	5V RAIL	5V					
DIR X	J 1						D 12
DIR Y	J 5						D 8
DIR Z	J 6						D 7
DIRECT GND	5V RAIL						