15-pin D Shell Connection Map
SCULPTURE #4

Function	Description (+/-, signal)	Color	15-pin assignment	Color	Proto Pin	Arduino Pin
12v	LED (+)	YELLOW	1	YELLOW	12V RAIL	-
6v	Z (+)	PINK	2	PINK	6V RAIL	-
6v	X (+)	ORANGE	3	ORANGE	6V RAIL	-
6v	-	TAN	4	TAN	-	-
5v	-	RED	5	RED	-	-
Data	X (SIGNAL)	GREEN	6	GREEN	J2	D 11
Data	Y (SIGNAL)	BLUE	7	BLUE	J 21	TX 1
Data	-	LT BLUE	8	LT BLUE	-	-
Data	-	MED BLUE	9	MED BLUE	-	-
Data	-	LT GREEN	10	LT GREEN	-	-
GND	X (-)	BROWN	11	BROWN	-	-
GND	Z (-)	BLACK	12	BLACK	-	-
GND	LED (-)	GREY	13	GREY	J 21	-
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	J 12	-	RED	PIN 6	-	-	GND
PIN	J 14	-	BROWN	PIN 8 (TX)	-	-	RXO
PIN	E 21	3.3V	BROWN, SINGLE	PIN 1	-	-	A 7