

15-pin D Shell Connection Map
SCULPTURE #1

Function	Description (+/-, signal)	Color	15-pin assignment	Color	Proto Pin	Arduino Pin
12v	XY (+) RIGHT	YELLOW	1	YELLOW	-	-
12v	XY (+) LEFT	PINK	2	PINK	-	-
12v	Z (+)	ORANGE	3	ORANGE	-	-
12v	LED (+)	TAN	4	TAN	12V RAIL	-
5v	OPT SENSE (+)	RED	5	RED	-	-
Data	Y (SIGNAL) RIGHT	GREEN	6	GREEN	J4	9
Data	X (SIGNAL) RIGHT	BLUE	7	BLUE	J2	11
Data	OPT SENSE (SIGNAL)	LT BLUE	8	LT BLUE	-	-
Data	X (SIGNAL) LEFT	MED BLUE	9	MED BLUE	J3	10
Data	Y (SIGNAL) LEFT	LT GREEN	10	LT GREEN	J7	6
GND	XY (-) RIGHT	BROWN	11	BROWN	-	-
GND	XY (-) LEFT	BLACK	12	BLACK	-	-
GND	LED (-)	GREY	13	GREY	E21	-
GND	OPT SENSE (-)	WHITE	14	WHITE	-	-
GND	Z (-)	PURPLE	15	PURPLE	-	-

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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