

LED Infinity Table Bill Of Materials

		Mouser.com			
		Sparkfun.com		Total	
				31.77	
	Descripton	Part Number	Qty	price	Extended price
U5	Amplified MEMS Microphone	SPU0414HR5H-SB	1	1.86	1.86
U3	Teensy 3.1	Teensy 3.1	1	19.95	19.95
U1	Voltage Translator	74LVC8T245PW	1	0.79	0.79
U2 and 4	RJ45 plug	RJHSE-5080	2	0.52	1.04
D1	TVS diode	SMBJ6.0C	1	0.41	0.41
U6	Digital Potentiometer	MAX5450EUD+	1	3.19	3.19
C3, 4, 5	0.1µF Capacitor 0805	C0805T104K5RALTU	3	\$0.72	\$0.72
C2	1µF Capacitor 0805	C0805C105K4RACTU	1	\$0.12	\$0.12
C6	4.7nF Capacitor 0805	VJ0603H472KXBAC31	1	\$0.17	\$0.17
C1	2.2µF Capacitor 0805	GRM21BR71E225KA73L	1	\$0.58	\$0.58
R1-5	10K Resistor 0805	667-ERJ-6ENF1002V	5	\$0.11	\$0.11
J1	Jumper	Jumper	1	\$0.35	\$0.35
J2	14 pin headers 0.1in	40 pin .1in female header	2	1.5	1.5
J3	5 Pin Header 0.1in	40 pin Male Header		\$1.50	\$1.50