

## LED Coaster BOM

Description	Part Number	Quantity	Cost Per Unit (CAD)	Extended Cost (CAD)
12k ohm resistor	CRGCQ1206F12K	1	\$0.15	\$0.15
100 ohm resistor	CRGCQ1206F100R	16	\$0.11	\$1.73
1k ohm resistor	CRG1206F1K0	1	\$0.15	\$0.15
2.2k ohm resistor	CRGCQ1206F2K2	1	\$0.15	\$0.15
560 ohm resistor	AC1206FR-07560RL	1	\$0.15	\$0.15
680 ohm resistor	RC1206FR-07680RL	1	\$0.15	\$0.15
2.2uF capacitor	CC1206KKX7R6BB225	1	\$0.48	\$0.48
1uF capacitor	CC1206KKX7R6BB105	1	\$0.48	\$0.48
0.1uF capacitor	885012208009	1	\$0.16	\$0.16
0.01 uF capacitor	885012208008	1	\$0.16	\$0.16
15F capacitor	MAL219691252E3	4	\$8.23	\$32.92
Green LED	150141VS73100	16	\$0.25	\$4.00
Voltage regulator	LM317LIDR	1	\$0.63	\$0.63
3 to 8 line decoder	74HC238D	2	\$0.70	\$1.40
555 Timer	TLC555CPWR	1	\$1.13	\$1.13
Inverter gate	296-18657-1-ND	1	\$0.73	\$0.73
4 bit binary counter	SN74HC163DR	1	\$0.68	\$0.68
Wireless Charge Module 5V	XKT-412	1	\$9.12	\$9.12
Diode	1N4001-G	1	\$0.16	\$0.16

Total Cost (CAD)	\$54.53
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