

BOM for Gumball Sound Capsule

Item	designator	part description	manufacturer	manufacturer part number	price at Aliexpress	Aliexpress link
1	B1	CR2032			\$0.87 for 4	https://www.aliexpress.com/item/4000293060610.html
2		battery holder for CR2032	MPD	BS-7	\$0.39 for 10	https://www.aliexpress.com/item/32949445306.html
3	C1	220uF 12V			\$0.79 for 10	https://www.aliexpress.com/item/32912560946.html
4	R1, R2, R3	1K resistor			\$0.10 for 100	https://www.aliexpress.com/item/4000512466403.html
5	IC1	ATtiny13a-PU	Microchip	ATtiny13a-PU	\$2.32 for 5	https://www.aliexpress.com/item/4000123527631.html
6	LED1	green LED, 3mm			\$0.52 for 100	https://www.aliexpress.com/item/32216849727.html
7	LED2	red LED, 3mm			\$0.32 for 100	https://www.aliexpress.com/item/32660949632.html
8	LED3	blue LED, 3mm			\$0.81 for 100	https://www.aliexpress.com/item/32647702544.html
9	S1	small slide switch	C&K	OS102011MS2QS1	\$0.25 for 20	https://www.aliexpress.com/item/4000401919028.html
10	SPKR1	23mm diameter speaker	Mallory	PSR-23F08S-JQ	\$0.49	https://www.aliexpress.com/item/33037641624.html
11		gumball machine capsule, 50mm		free		
Total cost (with lots of extra parts):					\$6.86	
cost for 4 -- add 3 more speakers (with lots of extra parts):					\$8.33	

NOTE: All parts may be substituted for an equivalent