



Electronic Roulette Wheel

This circuit duplicates the function of a 10-slot Roulette Wheel. When the "power switch is closed and the "spin" switch is pressed, the clock section produces a series of high-speed pulses which drive the 4017 counter/decoder. When the spin switch is released, the charge on C3 starts to decay which causes the frequency of the clock pulses to also decay until they halt altogether, causing one of the LEDs to remain lighted.

Use different colors for the even and odd LEDs, labeling them 1 through 10.