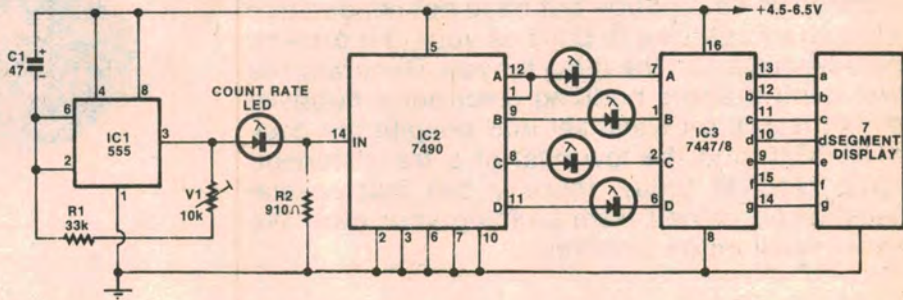


A decimal and binary learning tool

This quite easy to build circuit may be found useful to teach you to count in binary, while it also shows the equivalent in decimal. The circuit will count from 0 to nine and then resets itself automatically.

It may be necessary to experiment with the value of R2 for best results. A value between 200 and 600 ohms should be suitable. Any common cathode seven-segment display may be used. IC3 can be either a 7447 or a 7448. The appropriate LEDs should be arranged in a DCBA sequence.



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