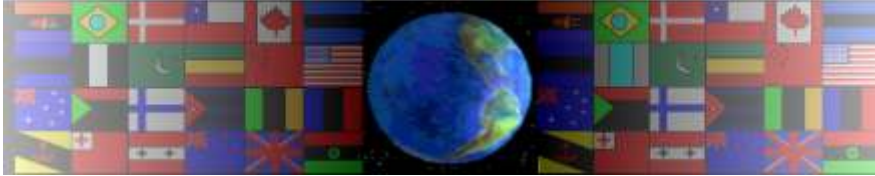


THE 555 IC

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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555 MONOSTABLE

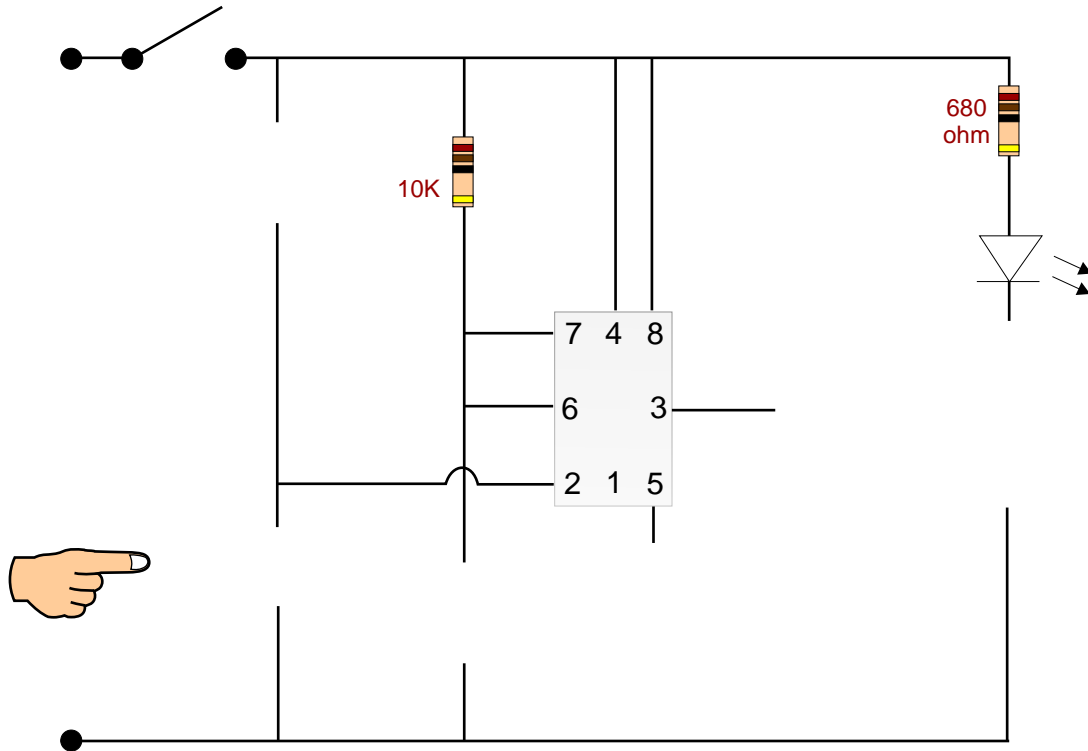
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1. What is a monostable circuit?

2. What is the main difference in terms of the 'output' of a monostable and astable circuit?

3. Pins 6 and 7 are connected in a monostable circuit. How does this differ in an astable circuit

4. The circuit below is a typical 555 monostable. Some of the components are missing. Complete the circuit by adding the missing components and label each one.



5. Describe how the monostable circuit shown above works. Include an explanation of the functions of the major components

6. Describe a real life practical application of a 555 monostable circuit.