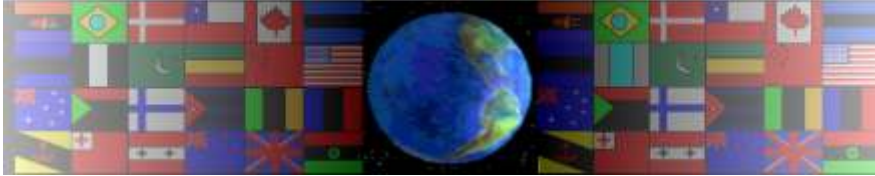


# THE 555 IC

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On behalf of The World Association of Technology Teachers

# W.A.T.T.



World Association of Technology Teachers






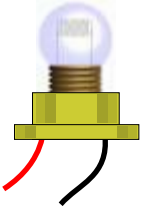
This exercise can be printed and used by teachers and students. It is recommended that you view the website ([www.technologystudent.com](http://www.technologystudent.com)) before attempting the design sheet .

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# EXERCISE ONE

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Below are some of the main components used in a 555 monostable circuit. Name all the components and explain the role they play.

					
1.	2.	3.	4.	5.	6.

1. EXPLANATION OF ROLE: \_\_\_\_\_

2. EXPLANATION OF ROLE: \_\_\_\_\_

3. EXPLANATION OF ROLE: \_\_\_\_\_

4. EXPLANATION OF ROLE: \_\_\_\_\_

5. EXPLANATION OF ROLE: \_\_\_\_\_

6. EXPLANATION OF ROLE: \_\_\_\_\_

7. In your opinion, which of the components shown above is the most important in the 555 monostable circuit? Explain your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_