

WHAT IS A PIC MICROCONTROLLER? WHAT DOES IT DO?

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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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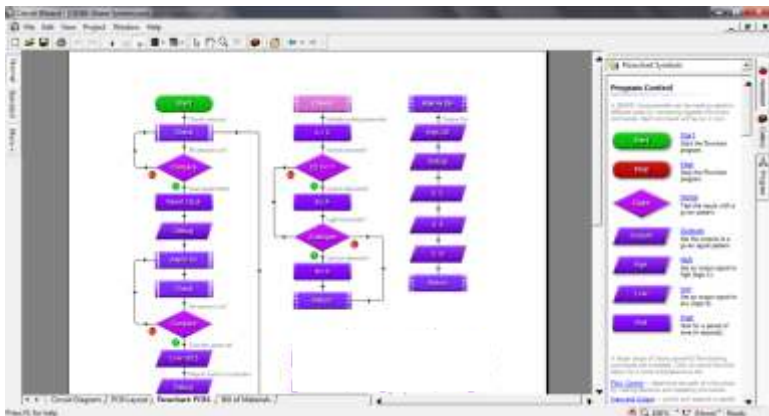
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1. In general terms, what is a PIC microcontroller? What does it do?

2. Name a piece of programming software used to program PIC Microcontrollers and to design circuits.

3. What are the benefits of simulating a program, by using the programming software you named in your previous answer?



4. The screen print seen opposite, shows a flow chart program for a PIC microcontroller. Why is using a flowchart a better way of programming PIC microcontrollers, rather than writing each line of code as text instructions?

5. The diagram below shows all the necessary equipment for operating a PIC microcontroller. Label the equipment and explain how at works together, to enable the programming of the microcontroller.

CIRCUIT WIZARD SOFTWARE BEING USED TO PROGRAMME THE GENIE PIC MICROCONTROLLER

A GENIE PIC MICROCONTROLLER PROGRAMMABLE CIRCUIT

