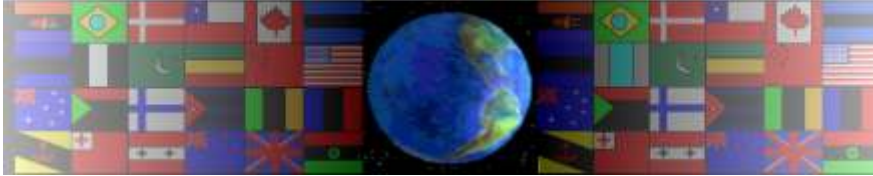


THE PICAXE-18 MICROCONTROLLER AND PIN LAYOUT

V.Ryan © 2000 - 2010

On behalf of The World Association of Technology Teachers

W.A.T.T.



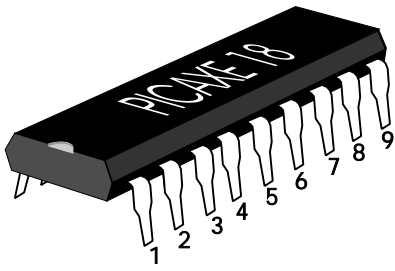
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This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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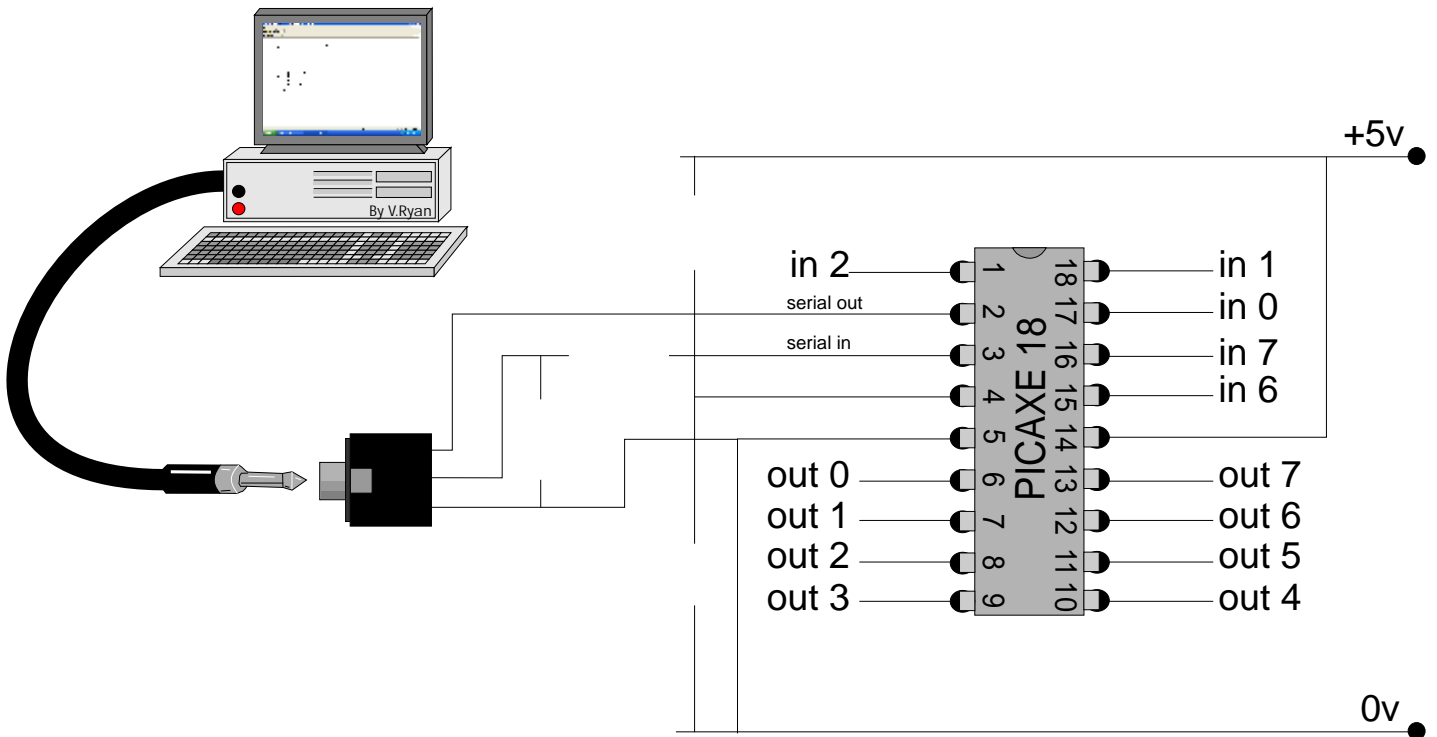


1. A PICAXE-18 microcontroller chip is drawn opposite. Write a description of this integrated circuit, in the space below. Include a description of the term 'bootstrap' programme.

2. What is 'non-volatile' flash memory?

PIN LAYOUT - PICAXE-18 MICROCONTROLLER

3. A PICAXE-18 microcontroller schematic diagram is drawn below. Four features / components are missing. Add the missing components to the diagram (include values/labels)



4. How many inputs and outputs does a PICAXE-18 microcontroller have?

INPUTS:

OUTPUTS:
