THE PICAXE-08 MICROCONTROLLER INTEGRATED CIRCUIT

V.Ryan © 2000 - 2010

On behalf of The World Association of Technology Teachers

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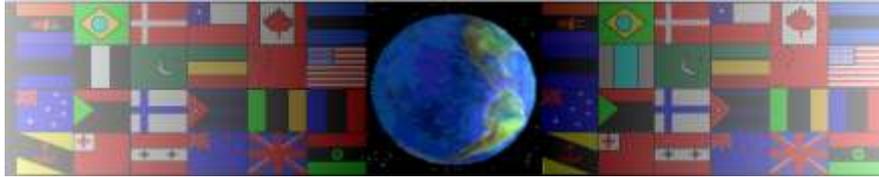
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This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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1. Complete the following sentence;

The PICAXE _____ system is a low _____,   flash _____ based microcontroller.

2. The incomplete table shown below, lists the pins of the PICAXE 08 microcontroller. Complete the table by adding the missing information.
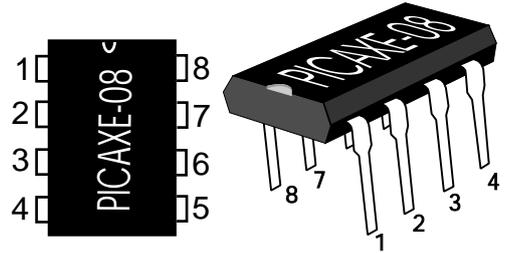
LEG No	FUNCTION		
LEG1	+SUPPLY 3-5v		
LEG 2			
LEG 3	PIN 4	INPUT/OUTPUT	
LEG 4	PIN 3	INPUT ONLY	
LEG 5			
LEG 6	PIN 1	INPUT/OUTPUT / ANALOGUE IN	
LEG 7	PIN 0		
LEG 8	GROUND / 0v		

3. The diagram drawn below shows the PICAXE 08 starter pack.

Add the missing components and add labels.

PICAXE-08 Proto Board

PICAXE

OUT   PROG

RED

BLK