

CONNECTING THE PICAXE-08 MICROCONTROLLER TO OTHER COMPONENTS - OUTPUT TO MOTORS AND RELAYS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



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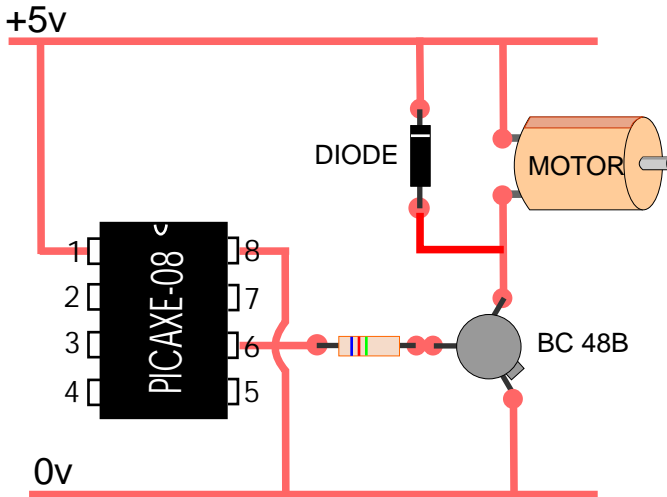
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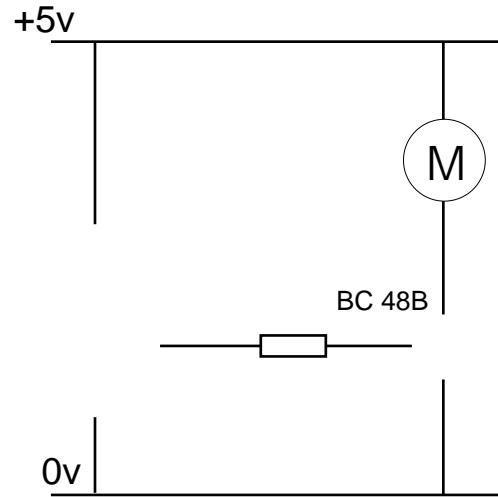
1. An illustration and incomplete circuit diagram of a PICAXE 08 programmable circuit, are shown below. Using the illustration as a guide, complete the circuit diagram. Add labels

ILLUSTRATION



VIRTUAL CIRCUIT DIAGRAM

CIRCUIT DIAGRAM



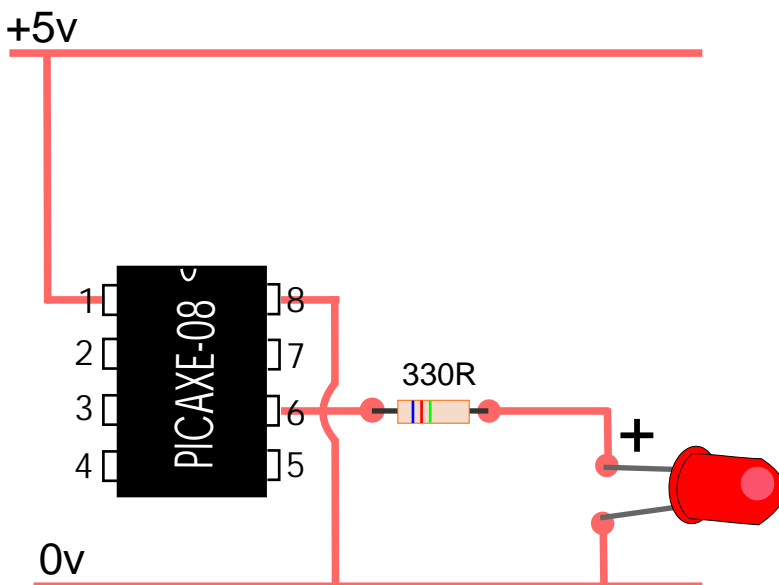
CIRCUIT DIAGRAM

2. What is back E.M.F? and which components help prevent it?

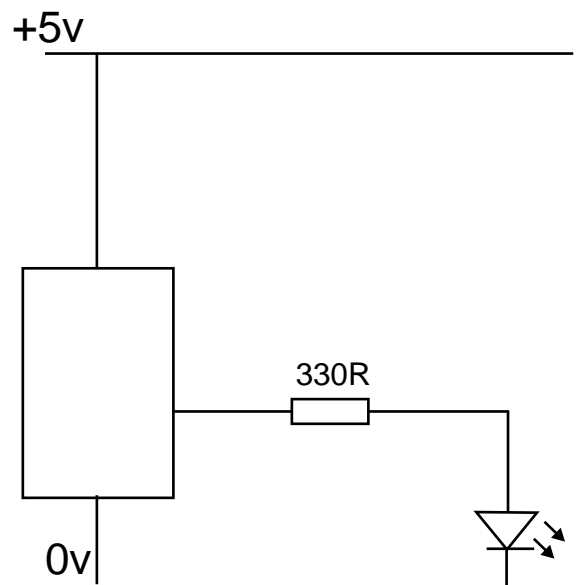
COMPONENT NAME: _____

BACK E.M.F: _____

3. An LED has been added as an output to the PICAXE 08 circuit. Complete the circuit diagram, using the illustration as a guide.



VIRTUAL CIRCUIT DIAGRAM



CIRCUIT DIAGRAM