



PyroElectro.com - PyroEDU

Introduction To Analog Electronics – Lesson 8: Transistor Amplifier

HOMEWORK

The following homework questions are meant to go with the online lesson found here:
http://www.pyroelectro.com/edu/analog/transistor_amplifier/

HOMEWORK QUESTION 1

What is the purpose of the capacitors seen on the input and output of the single transistor amplifier?

HOMEWORK QUESTION 2

What are the names of the 3 pins on the 2N3904 NPN transistor that we used as an amplifier?

HOMEWORK QUESTION 3

What do you think is the maximum voltage that this amplifier can output?

HOMEWORK QUESTION 4

Look up 'common-emitter amplifier' on Wikipedia (this is the type of amplifier we're using). Why is it called 'common-emitter'?

ADDITIONAL INFORMATION

To get feedback on your homework or to ask additional questions related to this lesson, please post your homework answers or your questions in the online forums at:

<http://www.pyroelectro.com/forums/>

