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Introduction To Analog Electronics – Lesson 7: Active Filters

HOMEWORK

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

HOMEWORK QUESTION 1

Where does the capacitor go in a high pass active filter? Is this similar to passive filters?

HOMEWORK QUESTION 2

Where does the capacitor go in a low pass active? Is this similar to passive filters?

HOMEWORK QUESTION 3

Can you make a band-pass (high and low pass filter) using active filters?

HOMEWORK QUESTION 4

What is the formula for finding the cut-off frequency of a low-pass and high-pass active filter?

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/>