

Noise 6

Multiple Choice Quiz

TI Precision Labs – Op Amps



Quiz: Noise 6

1. How can you test an op amp macro model?

- a. Place the model in high gain and look at the output noise
- b. Connect a large resistor to the input to translate current noise to voltage noise
- c. Configure the model as a buffer and look at the output voltage
- d. Measure the current noise using an amp meter
- e. Both a and b
- f. Both c and d

2. What is not part of developing a noise macro model?

- a. Setting the broadband and $1/f$ voltage noise
- b. Setting the broadband and $1/f$ current noise
- c. Setting the slew rate on the op amp model
- d. Setting the open loop gain and bandwidth on the op amp model

3. When entering $1/f$ noise into the macro model you should ____.

- a. Choose the point near the noise corner
- b. Choose the point at the lowest frequency shown on the graph.

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Multiple Choice Quiz: Solutions

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