Noise 3

Multiple Choice Quiz

TI Precision Labs – Op Amps

TEXAS INSTRUMENTS

Quiz: Noise 3

1. Which type of amplifier has the lowest current noise?
a. CMOS
b. Bipolar

2. (T/F) Current noise is related to an amplifiers quiescent current.
a. True
b. False

3. (T/F) Voltage noise is related to an amplifiers quiescent current.
a. True
b. False

4. Amplifiers with high quiescent current have _____.
a. High voltage noise.
b. Low voltage noise.
c. Quiescent current has no relationship to noise.

Quiz: Noise 3

5. Why isn't there an exact relationship between rms and peak-to-peak?

a. Because noise constantly changes.

b. Because a dc offset can affect the rms value.

c. The Gaussian curve tails introduce a small probability of a peak outside the 6 sigma limit.

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Multiple Choice Quiz: Solutions

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