

Transimpedance Amplifier Designed with OPA657

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Description: 1.6GHz, Low-Noise, FET-Input OPERATIONAL AMPLIFIER. Manufacturer: Texas Instruments.

The OPA657 device combines a high-gain bandwidth, low-distortion, voltage-feedback operational amplifier with a low-voltage noise JFET-input stage to offer a very high dynamic range amplifier for ...

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We are often tasked by customers to select the best products to complete a design, including how to configure unused operational amplifiers in quad or dual op amp devices.

In this work, we designed a multimodal non-invasive optical probe that can provide information regarding live tissue metrics.

The OPA657 combines a high gain bandwidth, low distortion, voltage-feedback op amp with a low voltage noise JFET-input stage to offer a very high dynamic range amplifier for high precision ADC ...

A standard TIA circuit should - omit R8 and C6 - change Cf to a value between 0.1 and a few pF, depending on the photodiode capacitance. As mentioned, stability with OPA657 is a special ...

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I need to design a transimpedance amplifier with OPA657 (any better opamp from TI - with lower input bias current, please suggest, there is something better for the application).

View results and find opa657 transimpedance amplifier datasheets and circuit and application notes in pdf format.



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