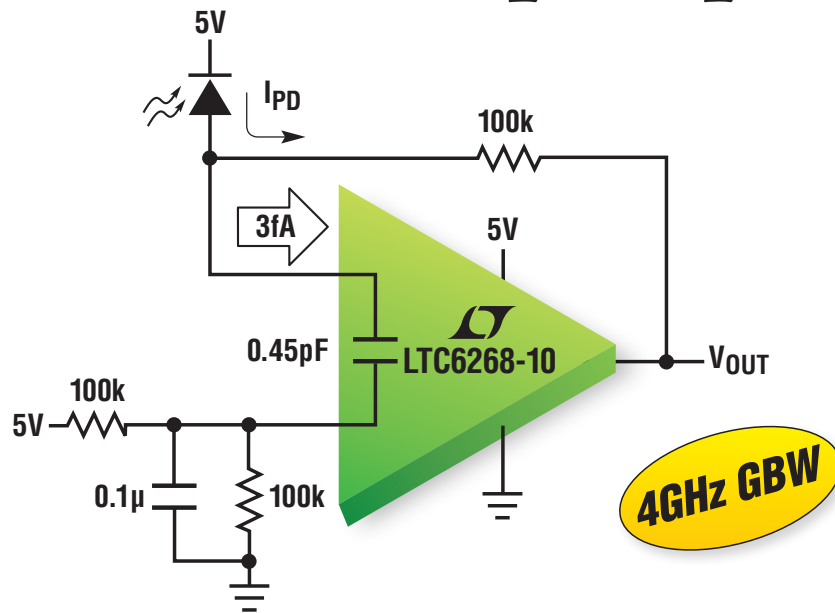


4GHz, 3fA, 0.45pF Op Amp



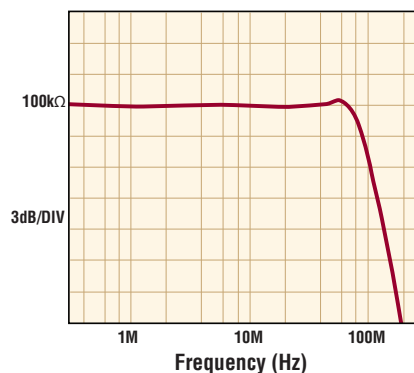
Optimized for High Speed, High Impedance Applications

The LTC[®]6268 Op Amp family delivers accuracy for high gain, high speed transimpedance amplifier and sensor conditioning circuits, with just 3 femtoamperes input bias current at room temperature and 0.9 pA max at 85°C. For photodiode, CCD and other high impedance sensor circuits, this stable low bias current, combined with 4GHz gain-bandwidth product, extremely low input capacitance and low noise provide outstanding performance in a small footprint. The LTC6268-10 is stable with a min gain of 10; a unity gain stable version is also available.

▼ LTC6268 Op Amp Family

Part Number	Channels	Description
LTC6268	1	$A_{V_{MIN}} = 1$, GBW = 500MHz
LTC6268-10	1	$A_{V_{MIN}} = 10$, GBW = 4GHz
LTC6269	2	$A_{V_{MIN}} = 1$, GBW = 500MHz
LTC6269-10	2	$A_{V_{MIN}} = 10$, GBW = 4GHz

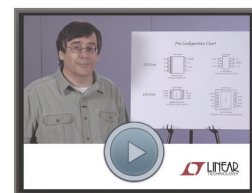
TIA Frequency Response



▼ Info & Free Samples

www.linear.com/product/LTC6268

1-800-4-LINEAR



<http://video.linear.com/5672>

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