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Subject: Re: High-Pass Filter

Posted by [Wayne Parham](#) on Fri, 18 Feb 2011 19:49:41 GMT

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If you want just a simple RC filter (first-order), make the shunt resistance equal to the source resistance and set capacitive reactance of the series capacitor equal to that at the frequency

reactance ( $X_c$ ) is in ohms and ( $f$ ) is frequency in Hertz. Capacitance ( $C$ ) is in Farads, so it will be very small. Remember that  $\mu\text{F}$  is  $\times 10^{-6}$  and  $\text{pF}$  is  $\times 10^{-12}$ .

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