

# Filter Wiz PRO

Filter Wiz PRO is an active filter design application for highpass, lowpass, bandpass and bandstop electronic files using capacitors, resistors and op amps.

Provides Butterworth, Chebyshev, Elliptic and Bessel Approximations to order 20, with a variety of circuit choices.

## Features:

### · **Built-in simulator**

Provides eSketch-like simulation of the filter design, including effects of op amp Gain BandWidth. The user can preview the gain response when selecting circuits for each stage.

### · **Up to 21 Approximations available**

Choose from 10 "standard" Approximations, plus 5 linear phase Approximations, and 6 Low-Q Approximations that are extremely useful for augmenting filter stability

### · **More circuit topologies**

Includes new topologies (circuits), and many variations of existing topologies, including voltage divider inputs to better meet optimal stage gain requirements

### · **More selection aids**

In addition to stage gain simulation, view indicators of stage Noise (resistor noise), GBW requirement, and Gain Spread. Also view design windows showing Input Impedance (vs frequency), Passive Sensitivity, Active Sensitivity, Dynamic Range, and Tuning instructions

### · **Monte Carlo analysis**

Simulate gain spread due to inexact component values, with a choice of 3 probability distributions - Uniform, Gaussian and Worst Case

### · **Temperature Effect analysis**

Determine response change due to environmental temperature rise and component temperature coefficients

### · **"Strategy" help windows**

View help topics appropriate to each design phase, accessible through "Strategy" buttons. All help topics are also available through a standard help file

## Filter Wiz PRO 4.3 Limitations:

· Resistor values and some additional output data are masked.

## Related:

[internet filter](#)

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## Publisher Description



Active filter design software for lowpass, highpass, bandpass and bandstop electronic filters using resistors, capacitors and op amps. Provides Butterworth, Chebyshev, Elliptic and Bessel Approximations to order 20, with a variety of circuit choices.

Filter Wiz PRO is a free trial software application from the Other subcategory, part of the Business category. The app is currently available in English and it was last updated on 2012-04-01. The program can be installed on Win2000, Win7 x32, WinVista, WinXP, Other.