

### Options

ID: top\_block

Generate Options: WX GUI

### WX GUI Slider

ID: freq

Label: Frequency

Default Value: 1k

Minimum: -500k

Maximum: 500k

Converter: Float

### Signal Source

Sample Rate: 32k

Waveform: Cosine

Frequency: 1k

Amplitude: 1

Offset: 0

### Noise Source

Noise Type: Gaussian

Amplitude: 316.228n

Seed: 0

### WX GUI Slider

ID: noise\_amp

Default Value: -130

Minimum: -150

Maximum: 0

Converter: Float

### Variable

ID: samp\_rate

Value: 32k

### WX GUI Notebook

ID: nb

Tab Orientation: Top

Labels: Scope, FFT

Add

Throttle

### Properties: Noise Source

General

Advanced

Documentation

ID

analog\_noise\_source\_x\_0

Output Type

Complex

Noise Type

Gaussian

Amplitude

Uniform

Seed

Gaussian

Laplacian

Impulse