Options

Title: DTMF signal generator
Author: Michael
Output Language: Python
Generate Options: QT GUI

Variable

ID: samp_rate
Value: 48k

QT GUI Chooser

ID: freq_row_chooser
Label: Row frequency
Num Options: List
Options: 697, 770, 852, 941
Labels: 697 Hz,... Hz, 941 Hz
Default option: 697

QT GUI Chooser

ID: freq_col_chooser
Label: Column frequency
Num Options: List
Options: 1.209k,...7k, 1.633k
Labels: 1209 Hz...Hz, 1633 Hz
Default option: 1.209k

Signal Source

Sample Rate: 48k
Waveform: Cosine
Frequency: 697
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0

cmd
out

Signal Source

Sample Rate: 48k
Waveform: Cosine
Frequency: 1.209k
Amplitude: 1
Offset: 0
Initial Phase (Radians): 0

cmd
out

Add
in0
in1
out

QT GUI Frequency Sink

FFT Size: 4096
Center Frequency (Hz): 0
Bandwidth (Hz): 48k

in

Audio Sink

Sample Rate: 48k

in

QT GUI Time Sink

Number of Points: 512
Sample Rate: 48k
Autoscale: Yes

in