

Options

ID: ic7610iq
Title: IC-7610 I/Q Receiver
Output Language: Python
Generate Options: QT GUI

Variable

ID: samp_rate
Value: 1.92M

Variable

ID: decim
Value: 40

Variable

ID: freq
Value: 14020e3

QT GUI Range

ID: gain
Label: Gain (dB)
Default Value: 0
Start: -10
Stop: 10
Step: .1

TCP Source

ID: network_tcp_source_0
Address: 127.0.0.1
Port: 2k
Mode: Server

IShort To Complex

ID: blocks_in..._to_complex_0
Scale Factor: 1
Vector Input: No

Throttle

ID: blocks_throttle2_0
Sample Rate: samp_rate
Limit: None

Low Pass Filter

ID: low_pass_filter_0
Decimation: decim
Gain: 1
Sample Rate: samp_rate
Cutoff Freq: samp...m * 0.44
Transition Width: 3e3
Window: window.WIN_HAMMING
Beta: 6.76

Multiply Const

ID: blocks_mu...y_const_vxx_0
Constant: 10** (gain/10)

QT GUI Waterfall Sink

ID: qtgui_waterfall_sink_x_0
FFT Size: 1024
Center Frequency (Hz): freq
Bandwidth (Hz): sam...e/decim

QT GUI Frequency Sink

ID: qtgui_freq_sink_x_0
FFT Size: 1024
Center Frequency (Hz): freq
Bandwidth (Hz): sam...e/decim

