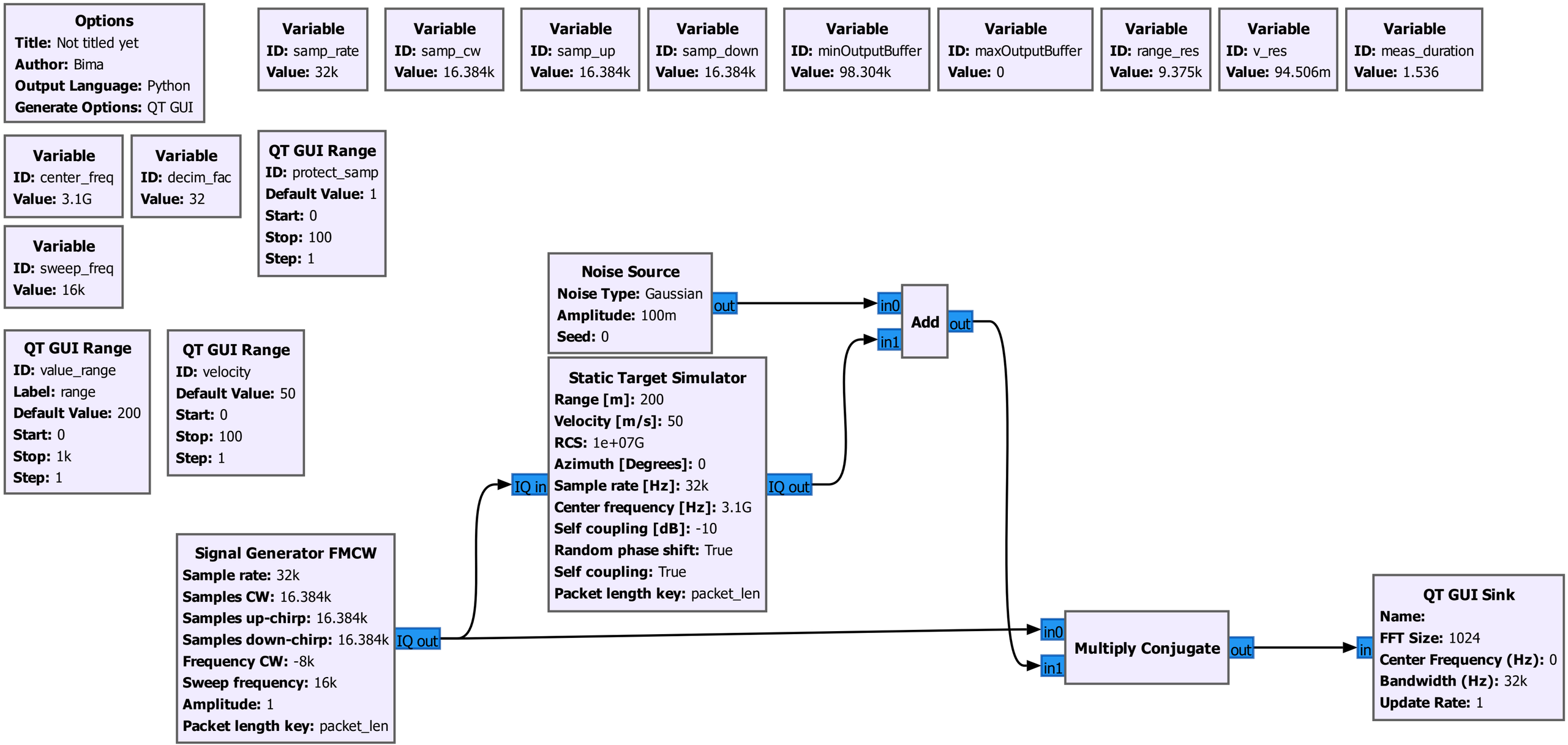
Options
Title: Not titled yet
Author: Bima
Output Language: Python
Generate Options: QT GUI
Variable
ID: samp_rate
Value: 32k
Variable
ID: samp_cw
Value: 16.384k
Variable
ID: samp_up
Value: 16.384k
Variable
ID: samp_down
Value: 16.384k
Variable
ID: minOutputBuffer
Value: 98.304k
Variable
ID: maxOutputBuffer
Value: 0
Variable
ID: range_res
Value: 9.375k
Variable
ID: v_res
Value: 94.506m
Variable
ID: meas_duration
Value: 1.536
Variable
ID: center_freq
Value: 3.1G
Variable
ID: decim_fac
Value: 32
QT GUI Range
ID: protect_samp
Default Value: 1
Start: 0
Stop: 100
Step: 1
Variable
ID: sweep_freq
Value: 16k
QT GUI Range
ID: value_range
Label: range
Default Value: 200
Start: 0
Stop: 1k
Step: 1
QT GUI Range
ID: velocity
Default Value: 50
Start: 0
Stop: 100
Step: 1
Noise Source
Noise Type: Gaussian
Amplitude: 100m
Seed: 0
out
in0
in1
Add
out
Static Target Simulator
Range [m]: 200
Velocity [m/s]: 50
RCS: 1e+07G
Azimuth [Degrees]: 0
Sample rate [Hz]: 32k
Center frequency [Hz]: 3.1G
Self coupling [dB]: -10
Random phase shift: True
Self coupling: True
Packet length key: packet_len
IQ in
IQ out
Signal Generator FMCW
Sample rate: 32k
Samples CW: 16.384k
Samples up-chirp: 16.384k
Samples down-chirp: 16.384k
Frequency CW: -8k
Sweep frequency: 16k
Amplitude: 1
Packet length key: packet_len
IQ out
in0
in1
Multiply Conjugate
out
in
QT GUI Sink
Name:
FFT Size: 1024
Center Frequency (Hz): 0
Bandwidth (Hz): 32k
Update Rate: 1