

**Options**  
**Title:** Noise TX  
**Output Language:** Python  
**Generate Options:** QT GUI

**Variable**  
**Id:** samp\_rate  
**Value:** 4M

**Variable**  
**Id:** freq  
**Value:** 1.57542G

**QT GUI Range**  
**Id:** cutoff\_freq  
**Label:** Cutoff  
**Default Value:** 2M  
**Start:** 0  
**Stop:** 4M  
**Step:** 100k

**QT GUI Range**  
**Id:** phase  
**Label:** I  
**Default Value:** 0  
**Start:** 0  
**Stop:** 6.28319  
**Step:** 100m

**Import**  
**Import:** math

**Constant Source**  
**Constant:** 1

**Constant Source**  
**Constant:** 0

**Float To Complex**

**osmocom Sink**  
**Device Arguments:** ha...7d3963  
**Sync:** Unknown PPS  
**Number Channels:** 1  
**Sample Rate (sps):** 4M  
**Ch0: Frequency (Hz):** 1.57542G  
**Ch0: Frequency Correction (ppm):** 0  
**Ch0: RF Gain (dB):** 0  
**Ch0: IF Gain (dB):** 35  
**Ch0: BB Gain (dB):** 0

out

re

out

im

out

command

in

async\_msgs