

**Options**  
**ID:** ASKProbando  
**Title:** Not titled yet  
**Output Language:** Python  
**Generate Options:** QT GUI

**Variable**  
**ID:** rb  
**Value:** 32k

**Variable**  
**ID:** h  
**Value:** 1, 1, 1, 1

**Import**  
**ID:** import\_0  
**Import:** np

**Variable**  
**ID:** sps  
**Value:** 4

**Variable**  
**ID:** samp\_rate  
**Value:** 128k

**Random Source**  
**ID:** analog\_random\_source\_x\_0  
**Minimum:** 0  
**Maximum:** 2  
**Num Samples:** 1M  
**Repeat:** Yes

**Char To Float**  
**ID:** blocks\_char\_to\_float\_0  
**Scale:** 1

**Interpolating FIR Filter**  
**ID:** interp\_fir\_filter\_xxx\_0  
**Interpolation:** 4  
**Taps:** 1, 1, 1, 1

**Signal Source**  
**ID:** analog\_sig\_source\_x\_0  
**Sample Rate:** 128k  
**Waveform:** Cosine  
**Frequency:** 10k  
**Amplitude:** 1  
**Offset:** 0  
**Initial Phase (Radians):** 0

**QT GUI Time Sink**  
**ID:** plot\_rectangular  
**Name:** MODULACION ASK  
**Number of Points:** 128  
**Sample Rate:** 128k  
**Autoscale:** Yes

**Multiply**  
**ID:** multiply

**Float To Complex**  
**ID:** blocks\_float\_to\_complex\_0

**Throttle**  
**ID:** blocks\_throttle2\_1\_0  
**Sample Rate:** 128k  
**Limit:** None

**Virtual Sink**  
**ID:** virtual\_sink\_0  
**Stream ID:** tag1

**Virtual Source**  
**ID:** virtual\_source\_0  
**Stream ID:** tag1

**Complex to Mag**  
**ID:** blocks\_complex\_to\_mag\_0

**Threshold**  
**ID:** blocks\_threshold\_ff\_0  
**Low:** 500u  
**High:** 500u  
**Initial State:** 0

**Throttle**  
**ID:** blocks\_throttle2\_0  
**Sample Rate:** 128k  
**Limit:** None

**QT GUI Time Sink**  
**ID:** qtgui\_time\_sink\_x\_0  
**Name:** DEMODULACION ASK  
**Number of Points:** 1.024k  
**Sample Rate:** 128k  
**Autoscale:** Yes

**Delay**  
**ID:** blocks\_delay\_0  
**Delay:** 0

**Complex To Float**  
**ID:** blocks\_complex\_to\_float\_0

**Throttle**  
**ID:** blocks\_throttle2\_1  
**Sample Rate:** 128k  
**Limit:** None