

## Options

**Title:** Recenter Lora Channels

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**Output Language:** Python

**Generate Options:** Hier Block

**Category:** [GRC Hier Blocks]

**Variable**  
ID: twidth  
Value: 10k

**Parameter**  
ID: samp\_rate  
Value: 70

**Parameter**  
ID: cutoff  
Value: 75k

**Parameter**  
ID: decim  
Value: 1

**Parameter**  
ID: htd\_offset  
Value: 0

**Signal Source**  
Sample Rate: 70  
Waveform: Cosine  
Frequency: 0  
Amplitude: 1  
Offset: 0  
Initial Phase (Radians): 0

out

in

**Throttle**  
Sample Rate: 70  
Limit: None

out

in0

in1

**Multiply**

out

in

**Low Pass Filter**  
Decimation: 1  
Gain: 1  
Sample Rate: 70  
Cutoff Freq: 75k  
Transition Width: 10k  
Window: Hamming  
Beta: 6.76

out

in

**Pad Sink**  
Label: out

**Pad Source**  
Label: in

out

**Signal Source**

Sample Rate: 70

Waveform: Cosine

Frequency: 0

Amplitude: 1

Offset: 0

Initial Phase (Radians): 0

**Throttle**

Sample Rate: 70

Limit: None

**Multiply**

out

**Low Pass Filter**

Decimation: 1

Gain: 1

Sample Rate: 70

Cutoff Freq: 75k

Transition Width: 10k

Window: Hamming

Beta: 6.76

**Pad Sink**

Label: out