

**Options**  
**Title:** onedimen...simulation  
**Author:** citizenrich  
**Output Language:** Python  
**Generate Options:** QT GUI  
**Realtime Scheduling:** On

**Variable**  
**Id:** samp\_rate  
**Value:** 64k

**Import**  
**Import:** np

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

**Variable**  
**Id:** shiftarrL  
**Value:** np.radians(np.linsp...

**Variable**  
**Id:** left  
**Value:** np.pad(shiftarrL, (...

**Variable**  
**Id:** right  
**Value:** np.flip(left, axis=0)

**Variable**  
**Id:** columns  
**Value:** 100

**Variable**  
**Id:** rows  
**Value:** 100

**Variable**  
**Id:** maxtheta  
**Value:** 150

**QT GUI Range**  
**Id:** degreesTXL  
**Default Value:** 0  
**Start:** 0  
**Stop:** 75  
**Step:** 5

**QT GUI Range**  
**Id:** degreesTXR  
**Default Value:** 0  
**Start:** 0  
**Stop:** 75  
**Step:** 5

**Variable**  
**Id:** angle\_radiansStartL  
**Value:** 0

**Variable**  
**Id:** angle\_radiansStartR  
**Value:** 0

**QT GUI Range**  
**Id:** scale  
**Default Value:** 55  
**Start:** 0  
**Stop:** 100  
**Step:** 5

**Function Probe**  
**Id:** variable\_...ion\_probe\_0\_0  
**Block ID:** blocks...gnal\_x\_0\_0  
**Function Name:** level  
**Poll Rate (Hz):** 1

**QT GUI Label**  
**Id:** variable\_...i\_label\_0\_0\_0  
**Label:** Probe Signal Min  
**Default Value:** 0

**Function Probe**  
**Id:** variable\_function\_probe\_0  
**Block ID:** blocks...signal\_x\_0  
**Function Name:** level  
**Poll Rate (Hz):** 1

**QT GUI Label**  
**Id:** variable\_qtgui\_label\_0\_0  
**Label:** Probe Signal Max  
**Default Value:** 1

