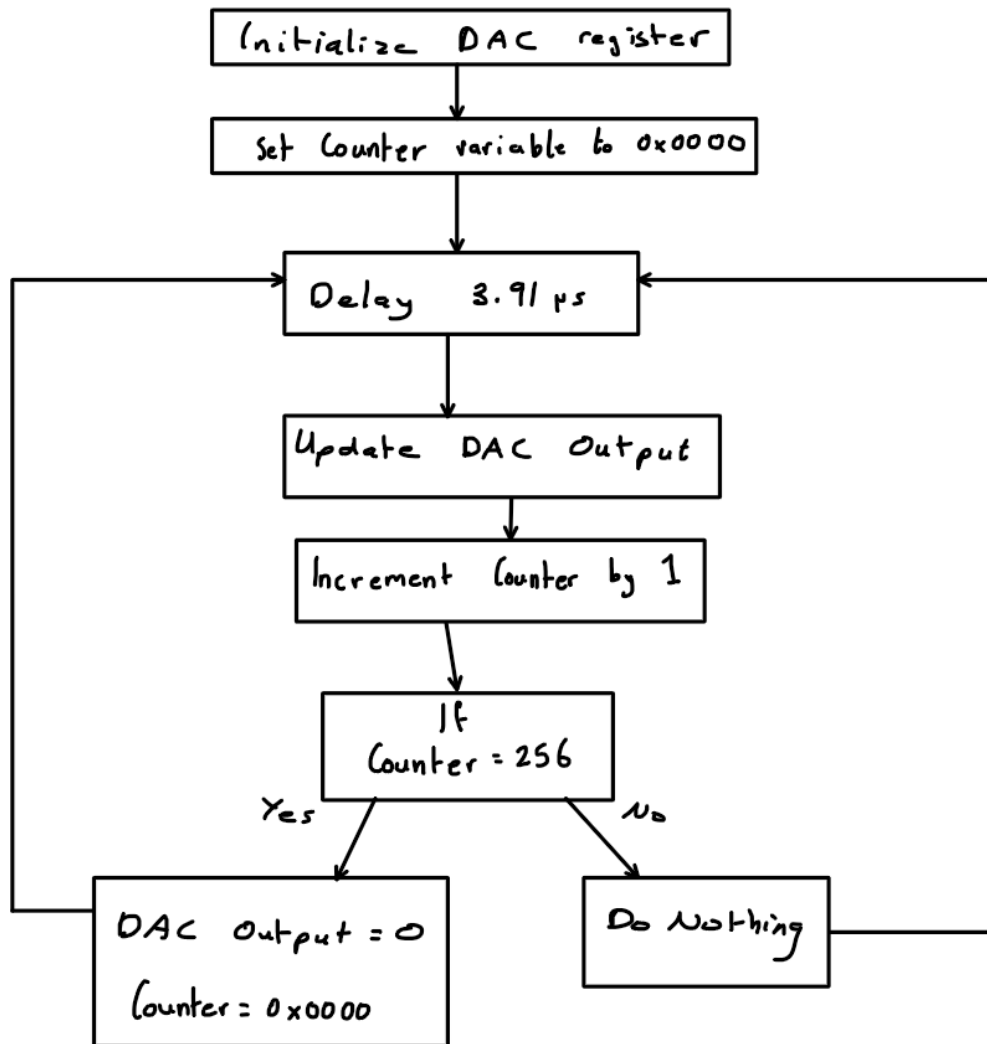


Sawtooth Flowchart

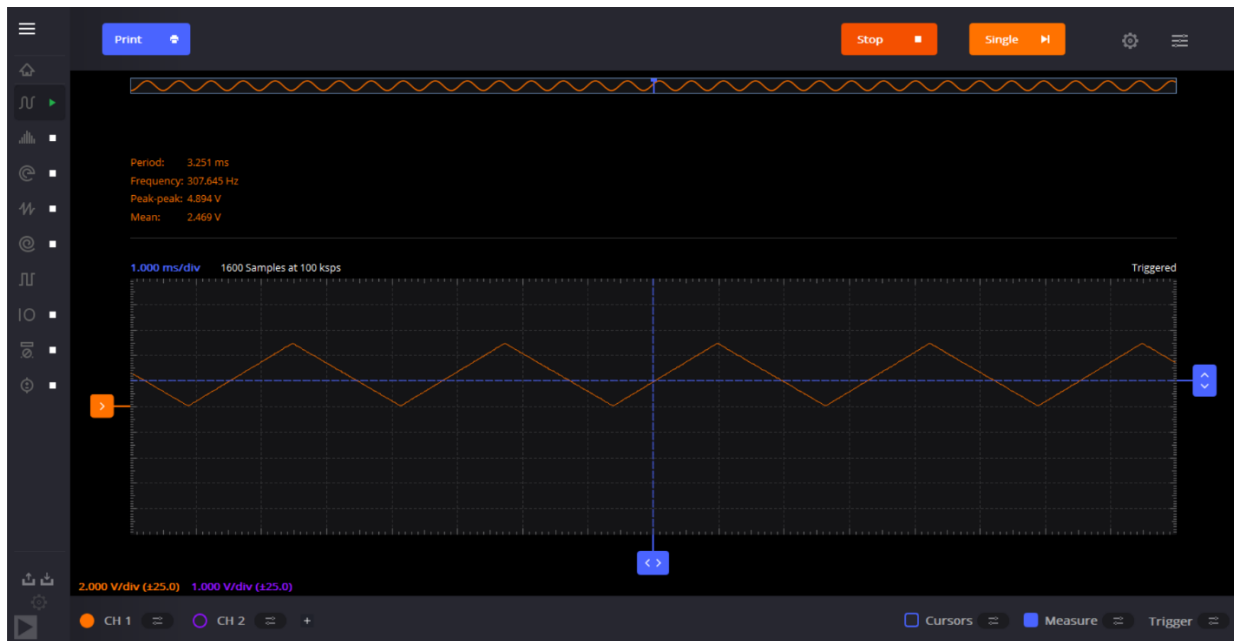
Want a period $T = \frac{1}{1000 \text{ Hz}} = 1 \text{ ms}$

So output rises 256 steps in 1ms

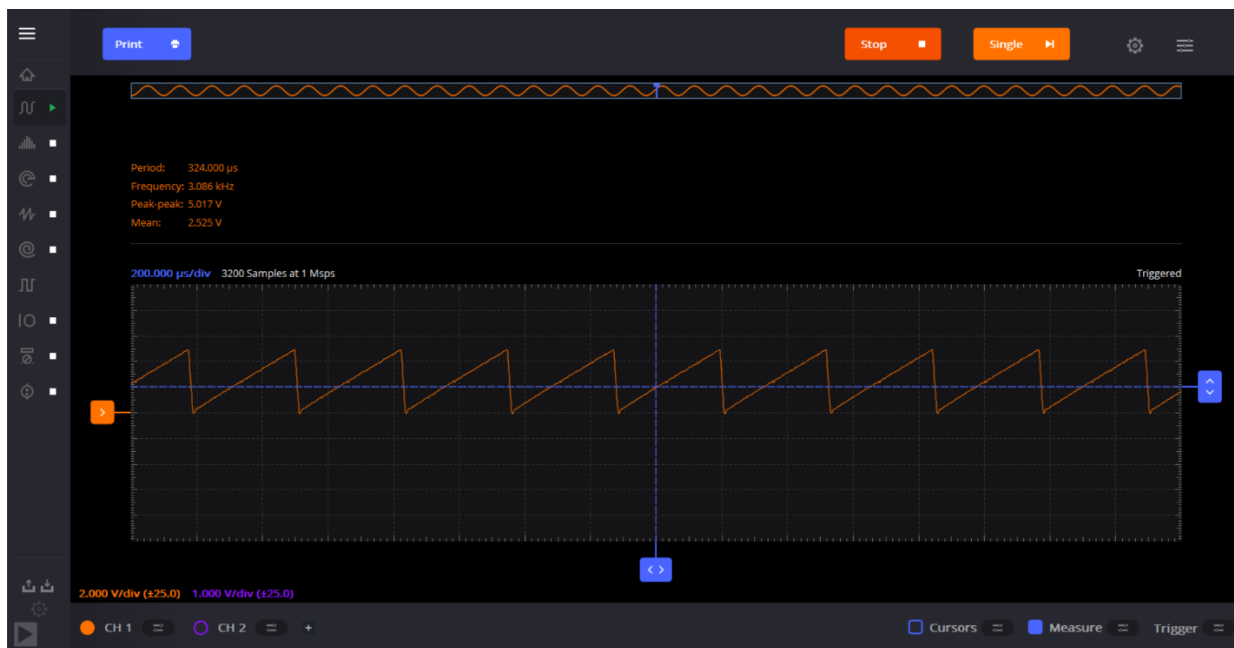
So each step is $\frac{1 \text{ ms}}{256} = 3.91 \mu\text{s}$



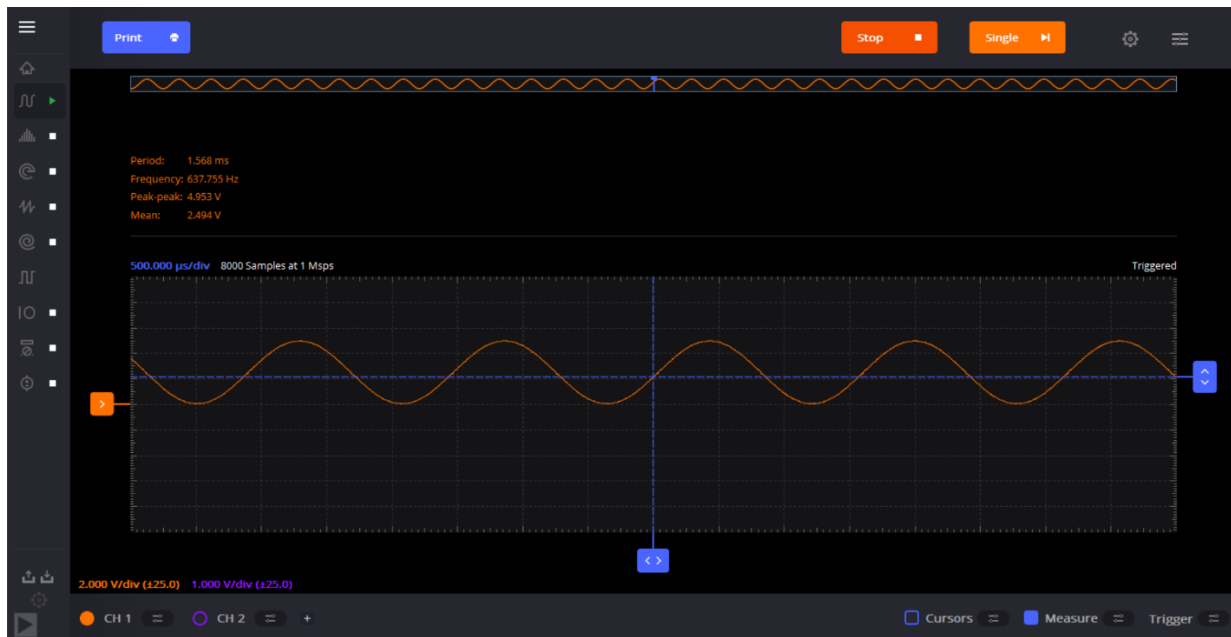
Incorrect Frequency Triangle Wave:



High Frequency Sawtooth Wave:



Sinusoid



Sinusoid at 1 kHz

