FlowChart For SawTooth Wave

P/C Setuity 6 Flowchart for Sauntooth wave Slep L • Configure and initialize ANSELA, TRISA, DACIDATL. Step 4 • Increment DACLOATL by 1. DACLOATL will automatically Reset to zero after 255. Each DACLOATL increment represents Step of ~ 20mV.

FLOW CHART FOR TRIANGLE WAVE

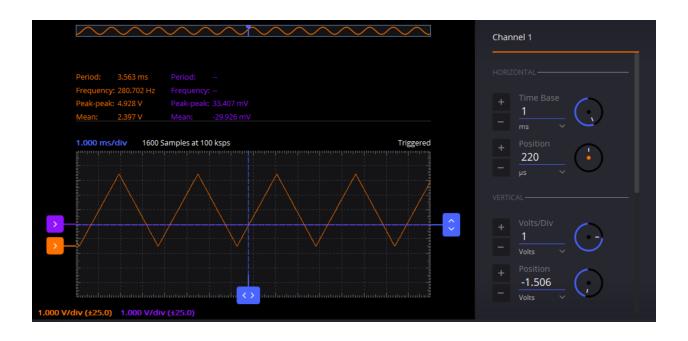
P/C Activity 6 Slep 1 • Configure and initialize ANSELA, TRISA, DACIDATI. Step 2 • Initialize a boolean wariable in UserApp and Sel il to be true. Step 3 • Set the boolean to true when BACIDATI reaches zero and false when it reaches 255. Step 4 • Increment DACIDATI when our boolean variable true. Decreement when its false.

Screenshots of our progress

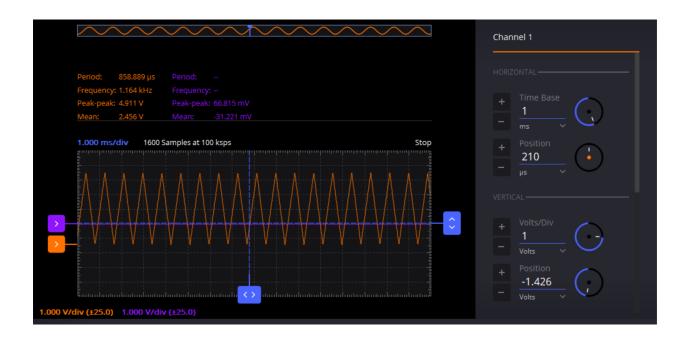
SAWTOOTH SIGNAL



SLOW Triangle Wave



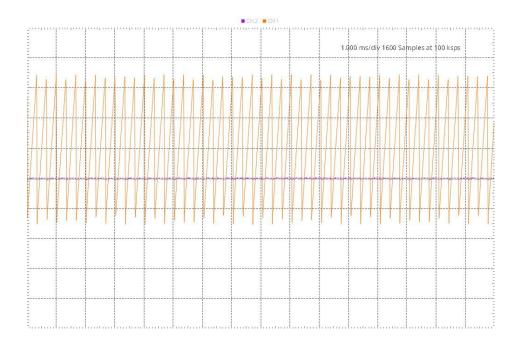
Fast Triangle Signal



64 steps Triangle Signal



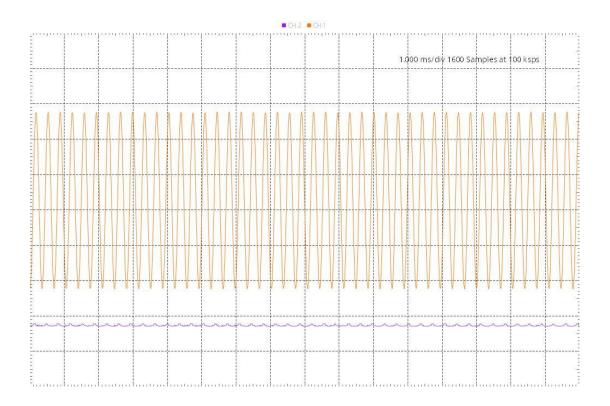
Printed version



Regular enough Frequency Sinusoid



Printed version



Approx 1Khz Frequency



Printed version

