

SAWTOOTH WAVEFORM GENERATOR

KAVIN PARITHI S, BANNARI AMMAN INSTITUTE OF TECHNOLOGY, ERODE.

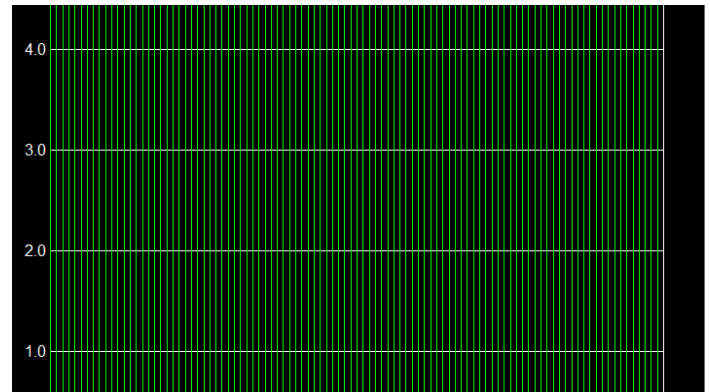
REFERENCE CIRCUIT DETAILS:

As shown in the figure, a square pulse is given as input to the avsd_opamp through a resistor.

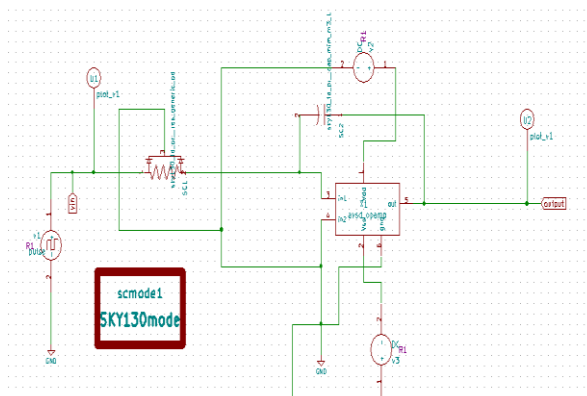
A feedback is setup by connecting a capacitor in between a capacitor and a resistor.

The square pulse will be converted into sawtooth wave form which is mainly used in electric music instruments to give different types of sounds.

INPUT WAVEFORM:



REFERENCE CIRCUIT:



OUTPUT WAVEFORM:

