Full design: Linear Voltage controlled generator

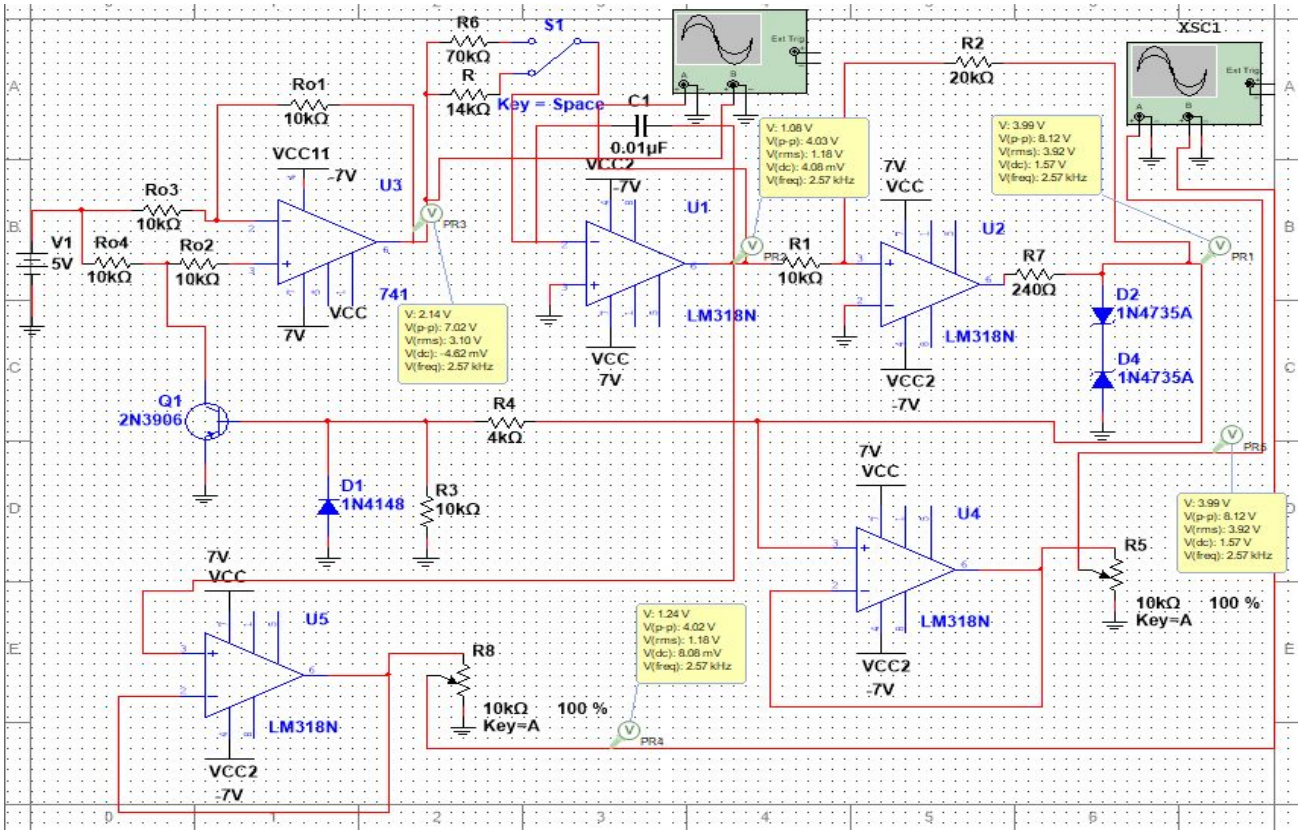

Figure 1: Full circuit of the Linear Voltage controlled generator. At this moment of the circuit the physical switch is connected to the 14k ohm resistor and the potentiometer wipers are at 100%.

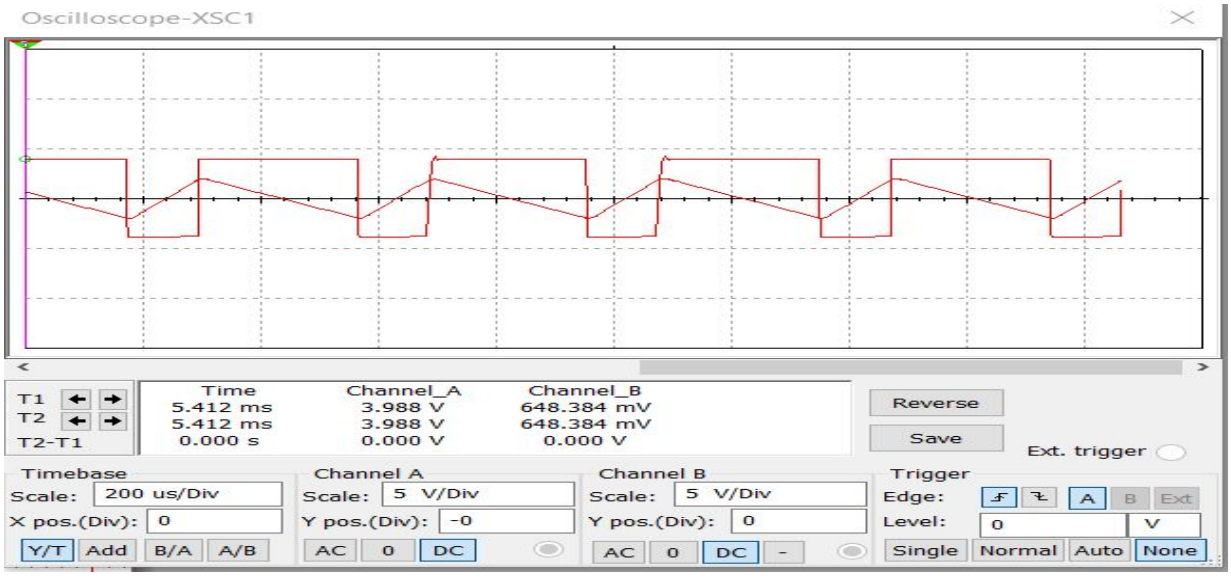

Figure 2: The square-waveform is the Bistable's output potentiometer (wiper 100%) and the triangular waveform is the integrator's output potentiometer (wiper 100%). The physical switch is attached to the 14 ohm resistor (Frequency =2.56 kHz).

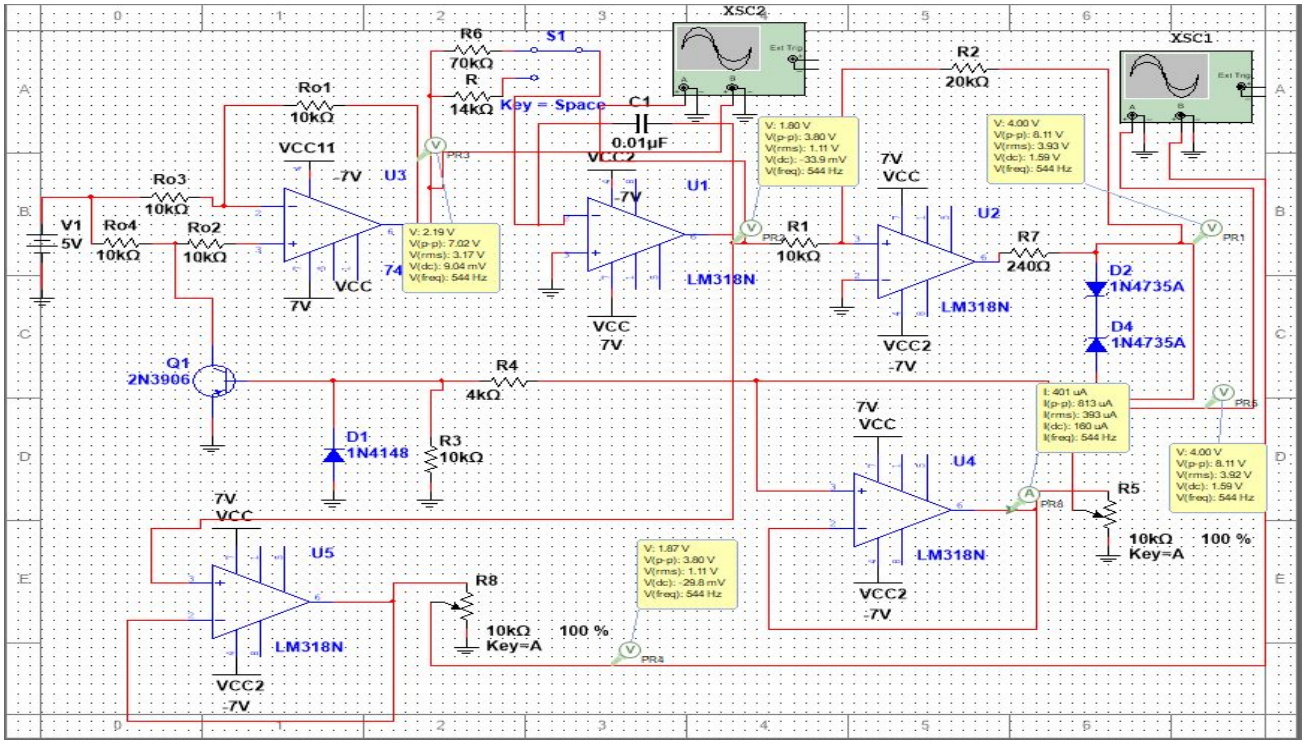

Figure 3: Full circuit of the Linear Voltage controlled generator. At this moment of the circuit the physical switch is connected to the 70k ohm resistor and the potentiometer wipers are at 100%.

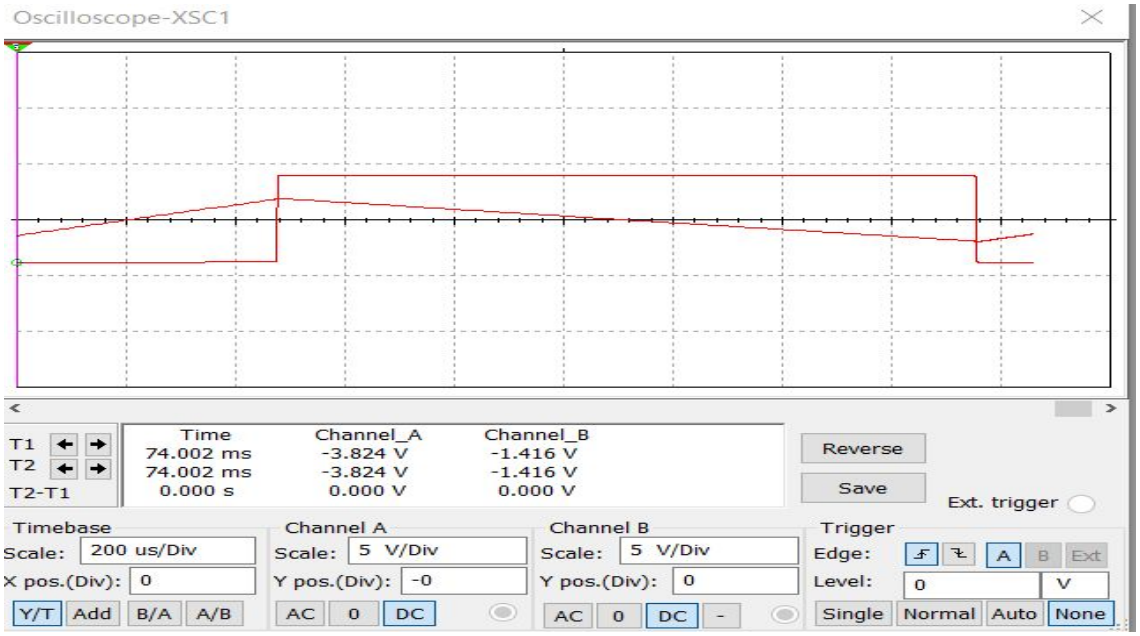

Figure 4: The square-waveform is the Bistable's output potentiometer (wiper 100%) and the triangular waveform is the integrator's output potentiometer (wiper 100%). The physical switch is attached to the 70k ohm resistor (Frequency =544 Hz).

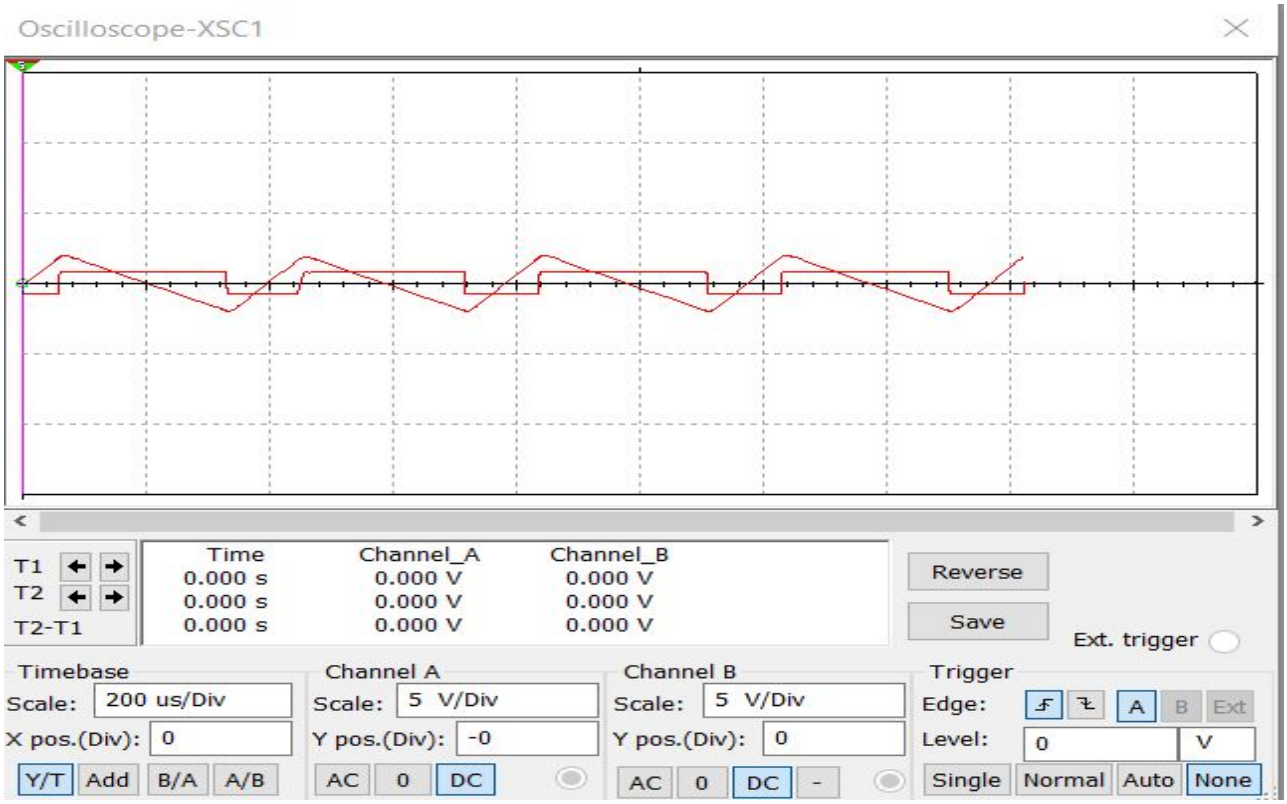

Figure 5: The square-waveform is the Bistable's output potentiometer (wiper 20%) and the triangular waveform is the integrator's output potentiometer (wiper 100%). The physical switch is attached to the 14k ohm resistor (Frequency =2.56 kHz).

Figure 6: The square-waveform is the Bistable's output potentiometer (wiper 100%) and the triangular waveform is the integrator's output potentiometer (wiper 40%). The physical switch is attached to the 14 ohm resistor (Frequency =2.56 kHz).