

555 Timer Based Boost Converter:



Fig. 5.2: Apparatus setup for the experiment of 555 timer based Boost Converter

Output:



Fig. 5.3: Output pulse of 555 timer

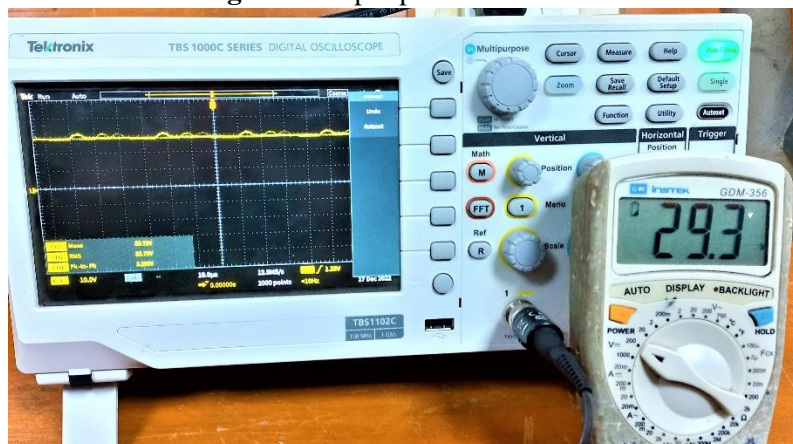


Fig. 5.4: Output Waveform for 10K resistance as load

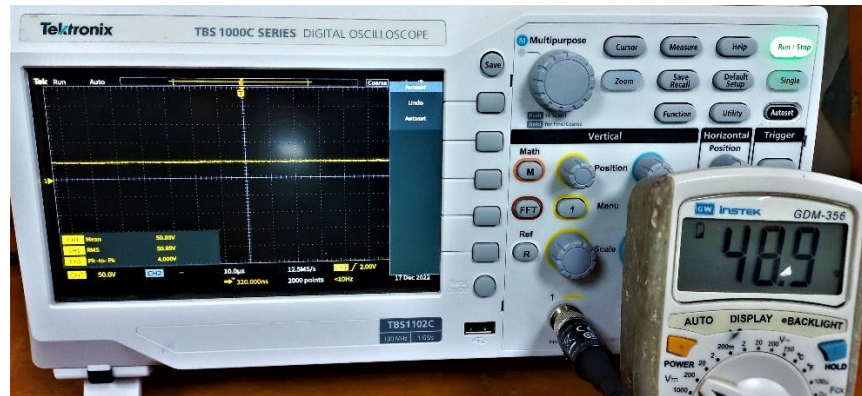


Fig. 5.5: Output Waveform for 47K resistance as load

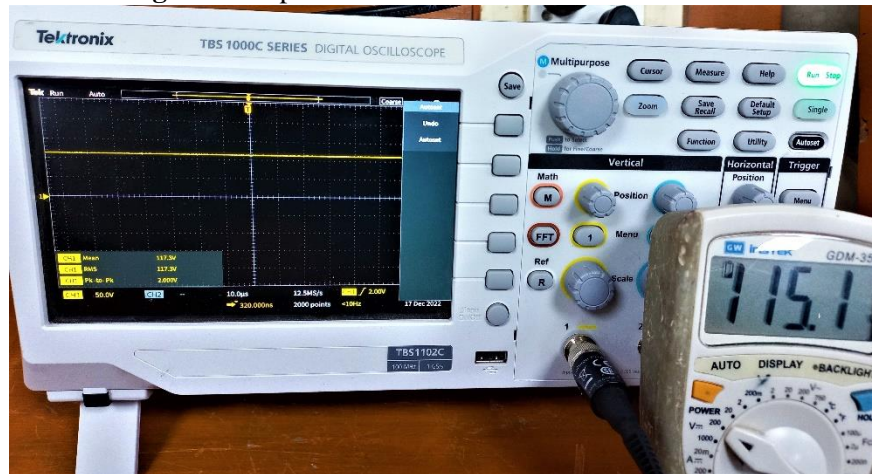


Fig. 5.6: Output Waveform for 100K resistance as load

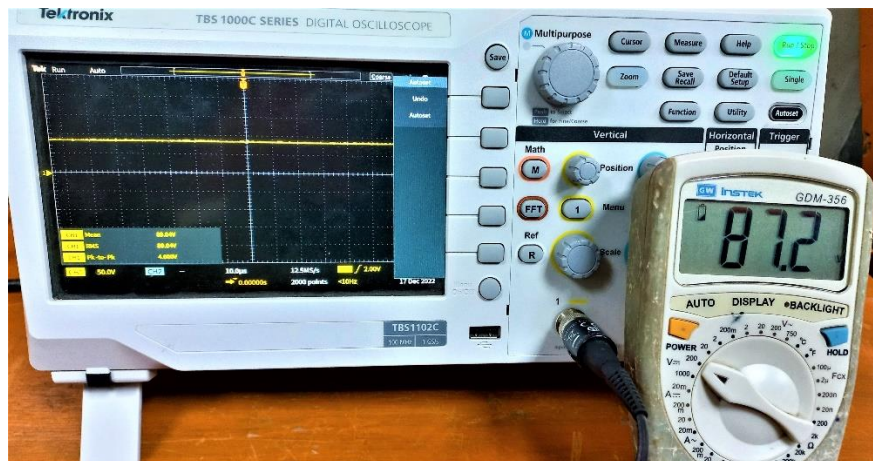


Fig. 5.7: Output Waveform for 220K resistance as load