1) Sketch a schematic diagram of the circuit seen in Figure 1 and Figure 2. Use standard symbols for all components, label component values, and use the output names referred to in Figure 1.

Figure 1 – Mystery circuit overview. Scope probe 1 is connected to output signal $V_{OUT1}$ while scope probe 2 is connected to output signal $V_{OUT2}$.

Figure 2 – Close-up of various components.