

In Lab2, the outputs from DE2-115 board (Q2,Q1 and Q0), and the CLOCK, will be connected to an oscilloscope for visualization of the 3 bit synchronous modulo 6 counter.

These outputs will be connected via a ribbon cable connector. At each end of each connector, there is a KEY (Figure 1), which fits right into the cut on the altera board as shown in Figure 2. Once one end of the cable is plugged into the board, the red line of the connector should face up as shown in Figure 3.

The other end of the cable is then connected to the digital probes, with the help of jumper wires, as shown in Figure 4.

Please follow this convention. Any other connections would result in undesirable outputs, and may even cause a short circuit if the grounds are not connected to the correct pins.

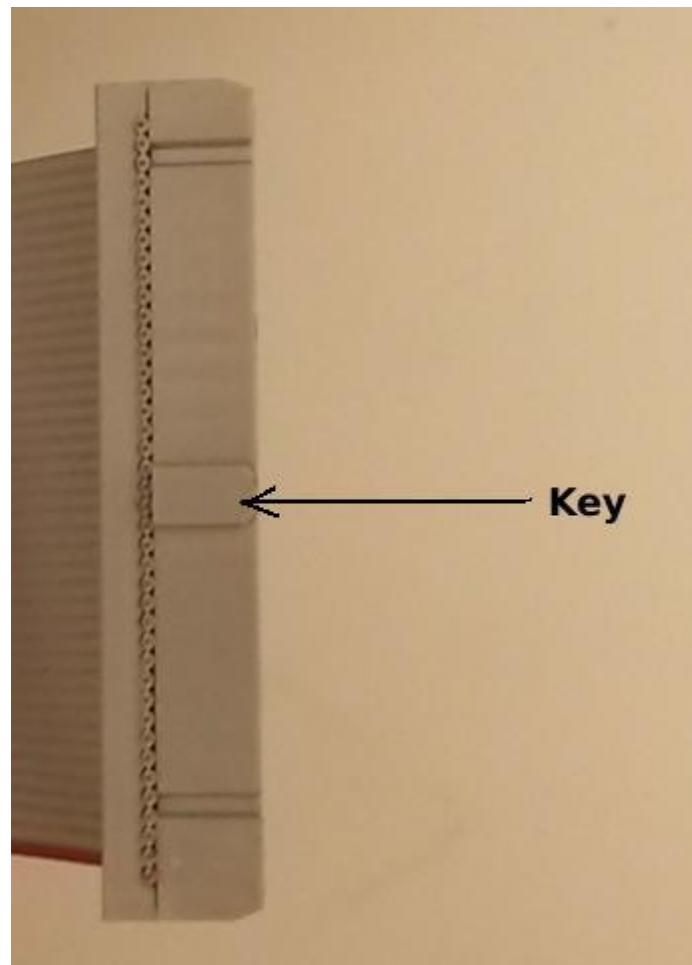


Figure 1

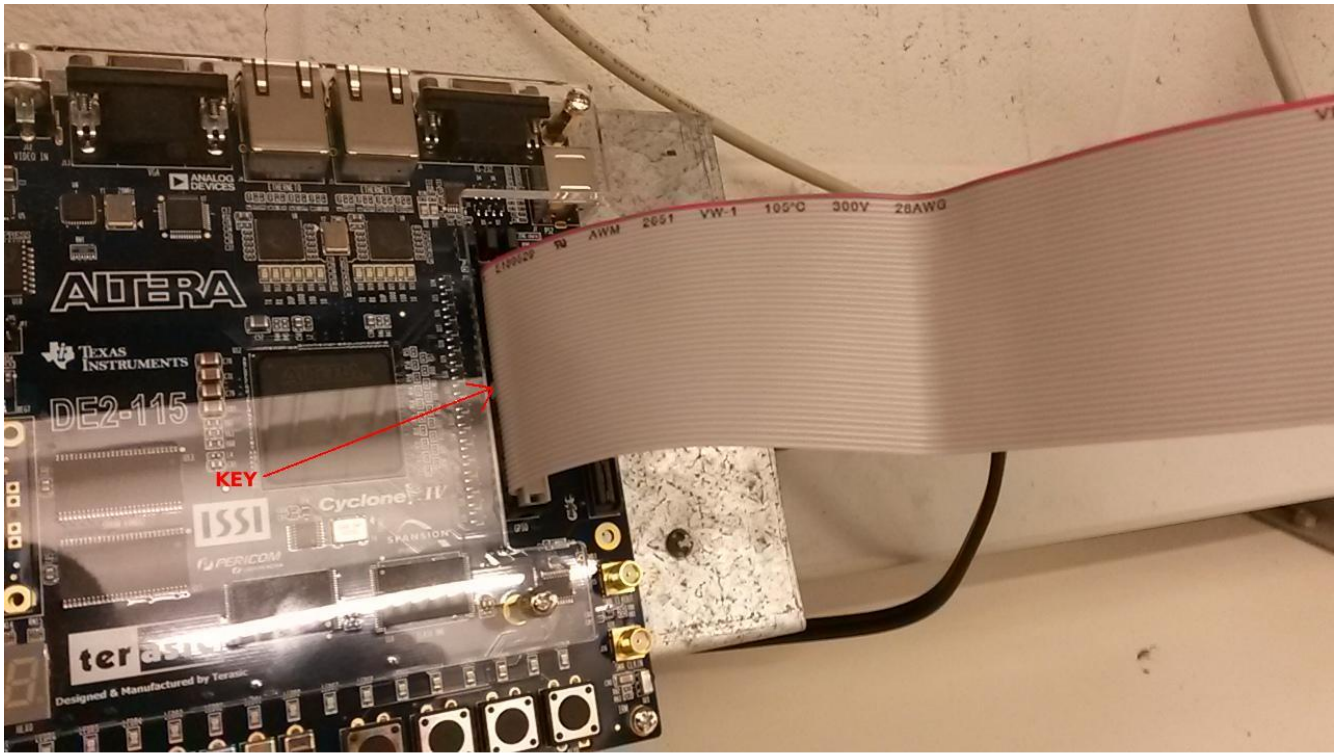


Figure 2

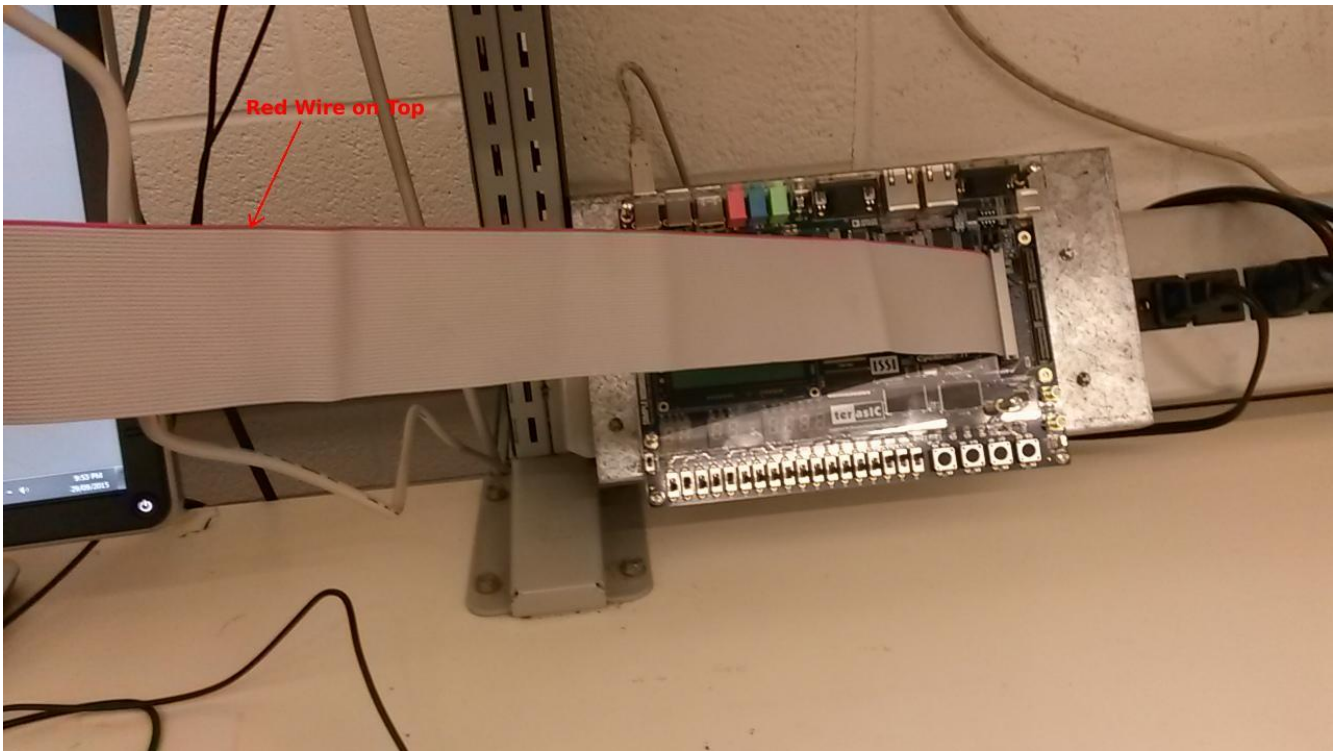


Figure 3

D1 (Q1)

D0 (Q0)

D2 (Q2)

Ground

