Experiment 12

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05/23/2017

Objective

The purpose of this laboratory exercise is to create a MOD 8 negative edge triggered UP counter using a JK flip flop.

Materials

* PC (Altera Quartus II V9.1 installed)
* DE-2 board

Part 1





Conclusion

This experiment required us to build a MOD 8 negative edge triggered UP counter using JK flip flops on the Quartus II software. We developed the virtual block diagram and uploaded it onto the Altera DE-2 Board.