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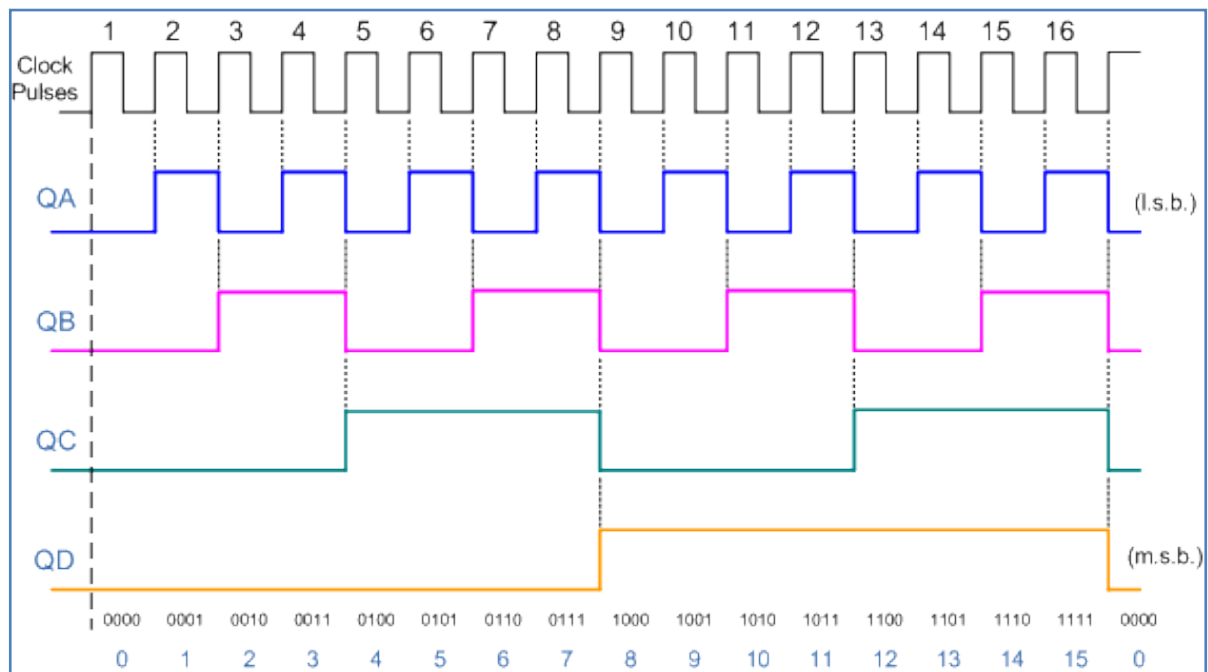
Introduction To Digital Electronics – Lesson 9: Design A 4-Bit Counter

FORMULAS

The following formulas and information are meant to go with the online lesson found here:
http://www.pyroelectro.com/edu/digital/binary_counter/

BINARY COUNTER TIMING DIAGRAM

In this lesson we built up a 4-bit binary ripple counter using d flip-flops. The timing diagram below gives you a visually appealing explanation of how output should react to input at every click tick.



ADDITIONAL INFORMATION

If you have any questions about the formulas or information found in this document, please feel free to head on over to the forums and ask us some questions!

<http://www.pyroelectro.com/forums/viewforum.php?f=21>