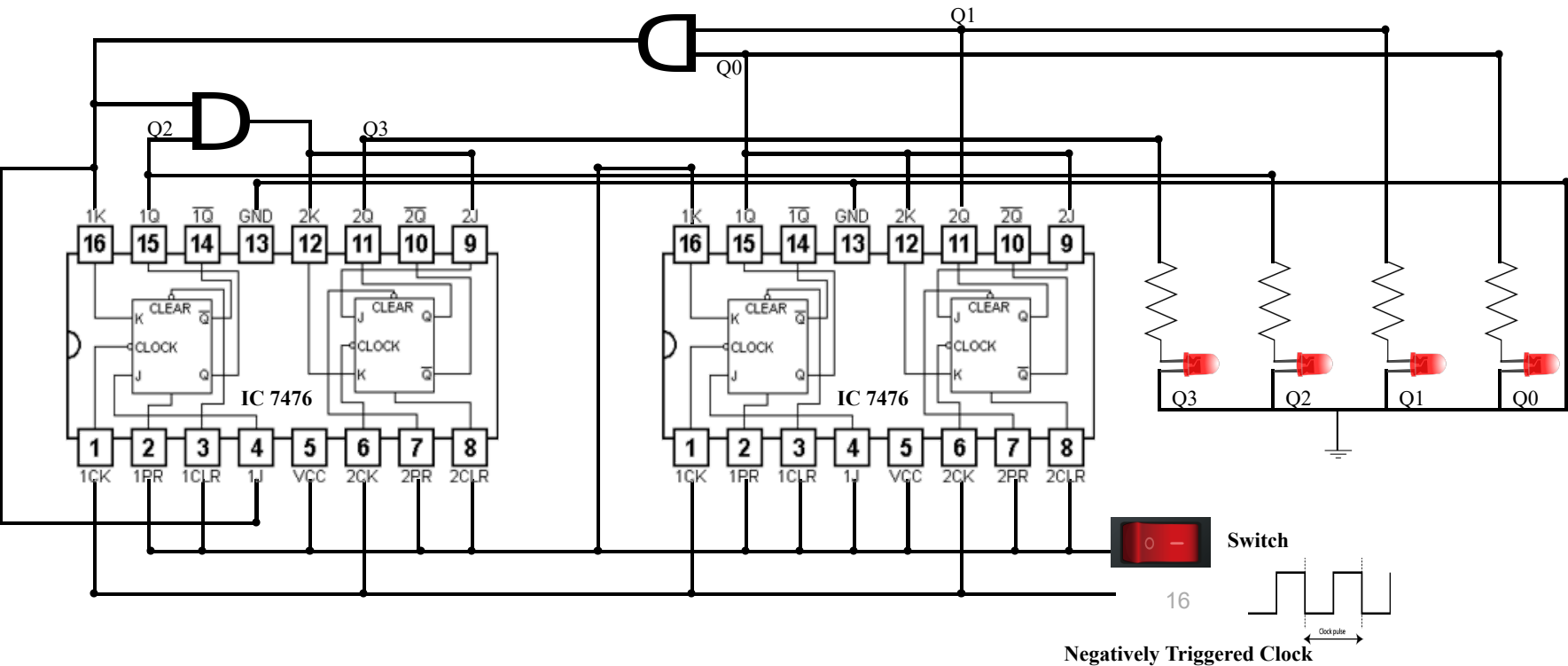


Instructions

4-Bit Synchronous Parallel Counter using J-K Flip-Flop

Print

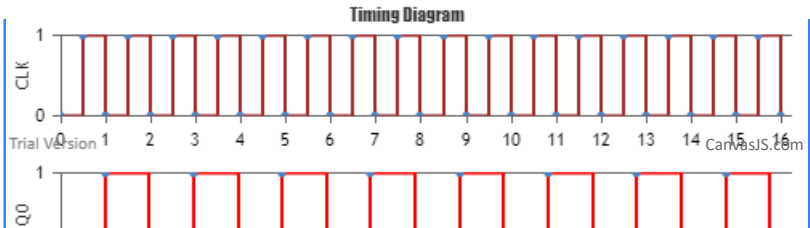


TRUTH TABLE

Serial No.	Clock	Q3	Q2	Q1	Q0
1	1	0	0	0	0
2	2	0	0	0	1
3	3	0	0	1	0
4	4	0	0	1	1

TIMING DIAGRAM

Generate Waveform



5	5	0	1	0	0
6	6	0	1	0	1
7	7	0	1	1	0
8	8	0	1	1	1
9	9	1	0	0	0
10	10	1	0	0	1
11	11	1	0	1	0
12	12	1	0	1	1
13	13	1	1	0	0
14	14	1	1	0	1
15	15	1	1	1	0
16	16	1	1	1	1

Synchronous Counter

