Homework 5

ELEN 21/COEN 21
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1. A universal shift register can shift in both the left-to-right and right-to-left directions, and it has parallel-load capability. Draw a circuit for such a 4-bit universal shift register.

   Hint:

S1	S0	Selection Mode
0	0	Hold
0	1	Shift Left
1	0	Shift Right
1	1	Parallel Load