2. 4 latches / ff

3.

C3	C2	C1	C0	K	D	Q	E	N3	N2	N1	N0	DPENCIL	DERASER	DPEN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
0	0	0	1	0	0	1	0	0	1	1	0	0	0	0
0	0	0	1	0	1	0	0	0	0	1	1	0	0	0
0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	1	0	0	0	0	1	0	0
0	0	1	0	0	0	1	0	0	1	1	0	0	0	0
0	0	1	0	0	1	0	0	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	0	1	1	0	0	0
0	0	1	1	0	0	0	0	0	0	1	1	0	0	0
0	0	1	1	0	0	0	1	0	0	0	0	1	0	0
0	0	1	1	0	0	1	0	0	1	1	0	0	0	0
0	0	1	1	0	1	0	0	0	1	0	1	0	0	0
0	0	1	1	1	0	0	0	0	1	0	0	0	0	0
0	1	0	0	0	0	0	0	0	1	0	0	0	0	0

0	1	0	0	0	0	0	1	0	0	0	0	0	1	0
0	1	0	0	0	0	1	0	0	1	1	0	0	0	0
0	1	0	0	0	1	0	0	0	1	1	0	0	0	0
0	1	0	0	1	0	0	0	0	1	0	1	0	0	0
0	1	0	1	0	0	0	0	0	1	0	1	0	0	0
0	1	0	1	0	0	0	1	0	0	0	0	0	1	0
0	1	0	1	0	0	1	0	0	1	1	0	0	0	0
0	1	0	1	0	1	0	0	0	1	1	0	0	0	0
0	1	0	1	1	0	0	0	0	1	1	0	0	0	0
0	1	1	0	0	0	0	0	0	1	1	0	0	0	0
0	1	1	0	0	0	0	1	0	0	0	0	0	0	1
0	1	1	0	0	0	1	0	0	1	1	0	0	0	0
0	1	1	0	0	1	0	0	0	1	1	0	0	0	0
0	1	1	0	1	0	0	0	0	1	1	0	0	0	0