

جدول صحت:

Q_1	Q_r	Q_{wE}	start	zer	$\overline{Q_1}$	$\overline{Q_r}$	$\overline{Q_{wE}}$	wen	sel	wenE	done
0	0	0	0	X	0	0	0	0	0	0	0
0	0	0	1	X	0	0	1	0	0	0	0
0	0	1	0	X	0	1	0	1	0	1	0
0	0	1	1	X	0	0	1	1	0	1	0
0	1	0	X	X	0	1	1	0	0	0	0
0	1	1	X	0	1	0	0	1	1	0	0
0	1	1	X	1	0	1	0	1	1	0	0
1	0	0	X	X	0	0	0	0	0	0	1

پاره سار با کانون:

$$\overline{Q_1} = Q_1' \& Q_r \& Q_{wE} \& zer'$$

$$\overline{Q_r} = Q_r \& Q_{wE}' \mid Q_r \& zer \mid Q_r' \& Q_r \& start'$$

$$\overline{Q_{wE}} = Q_r \& Q_{wE}' \mid Q_1' \& Q_r' \& start$$

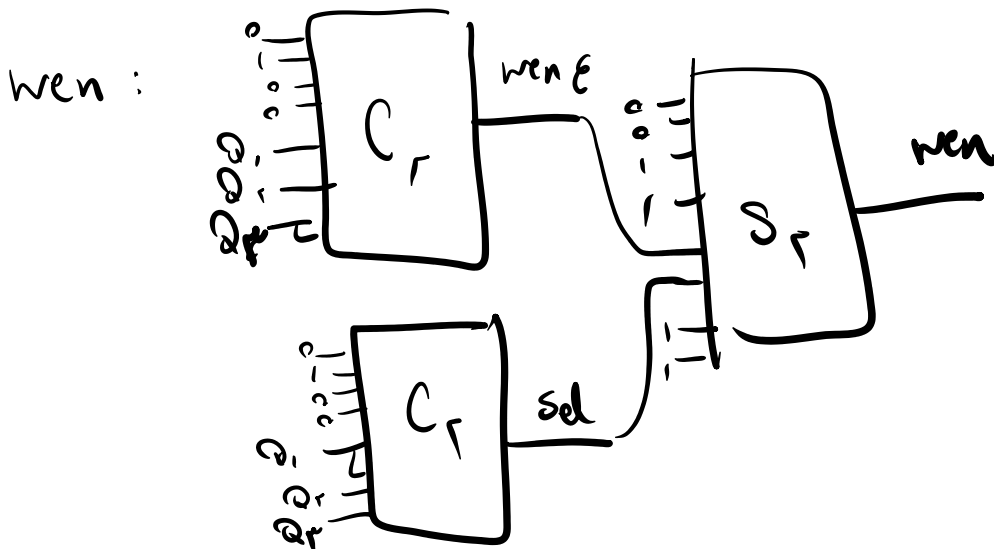
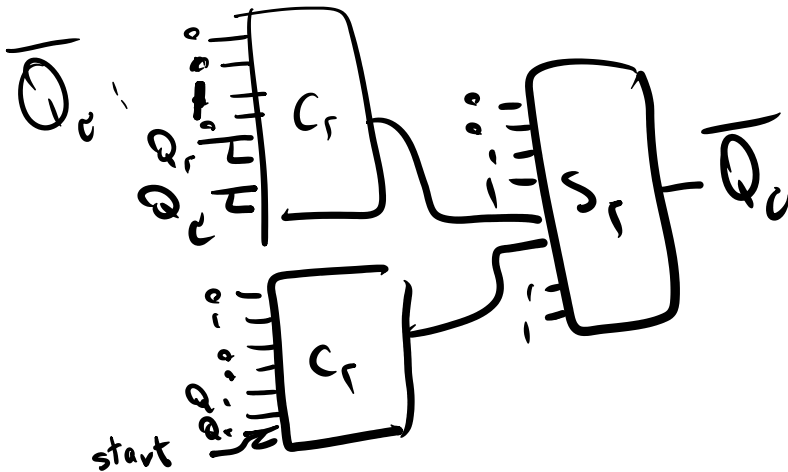
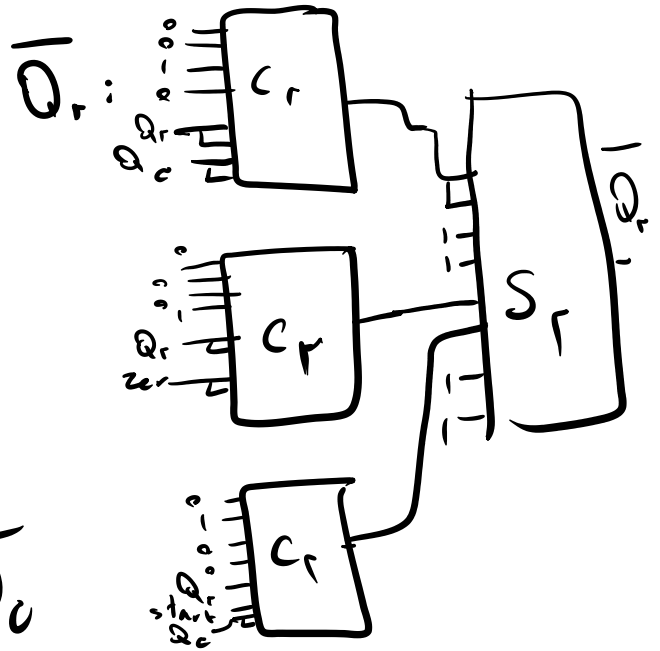
$$Q_r = Q_r \& Q_r \vee Q_r \& Q_r \vee \dots$$

$$wen = Q_r' \& Q_r' \& Q_c \vee Q_r' \& Q_r \& Q_c$$

$$wenE = Q_r' \& Q_r' \& Q_c$$

$$sel = Q_r' \& Q_r \& Q_r$$

$$done = Q_r \& Q_r' \& Q_c'$$



done,

