8101974911 CA1 - phase 1

هیا حسن

(1)

$$\begin{array}{r} a_1\ a_0 \\ \times\ b_1\ b_0 \\ \hline C_3\ C_2\ C_1\ C_0 \end{array}$$

a_1a_0 / b_1b_0	00	01	11	10
00	0	0	0	0
01	0	1	1	0
11	0	1	1	0
10	0	0	0	0

$C_0 = a_0b_0$

a_1a_0 / b_1b_0	00	01	11	10
00	0	0	0	0
01	0	0	1	1
11	0	1	0	1
10	0	1	1	0

$C_1 = \bar{a}_1a_0b_1 + a_1\bar{a}_0b_0 + a_0b_1\bar{b}_0 + a_1b_0\bar{b}_1$

a_1a_0 / b_1b_0	00	01	11	10
00	0	0	0	0
01	0	0	0	0
11	0	0	0	1
10	0	0	1	1

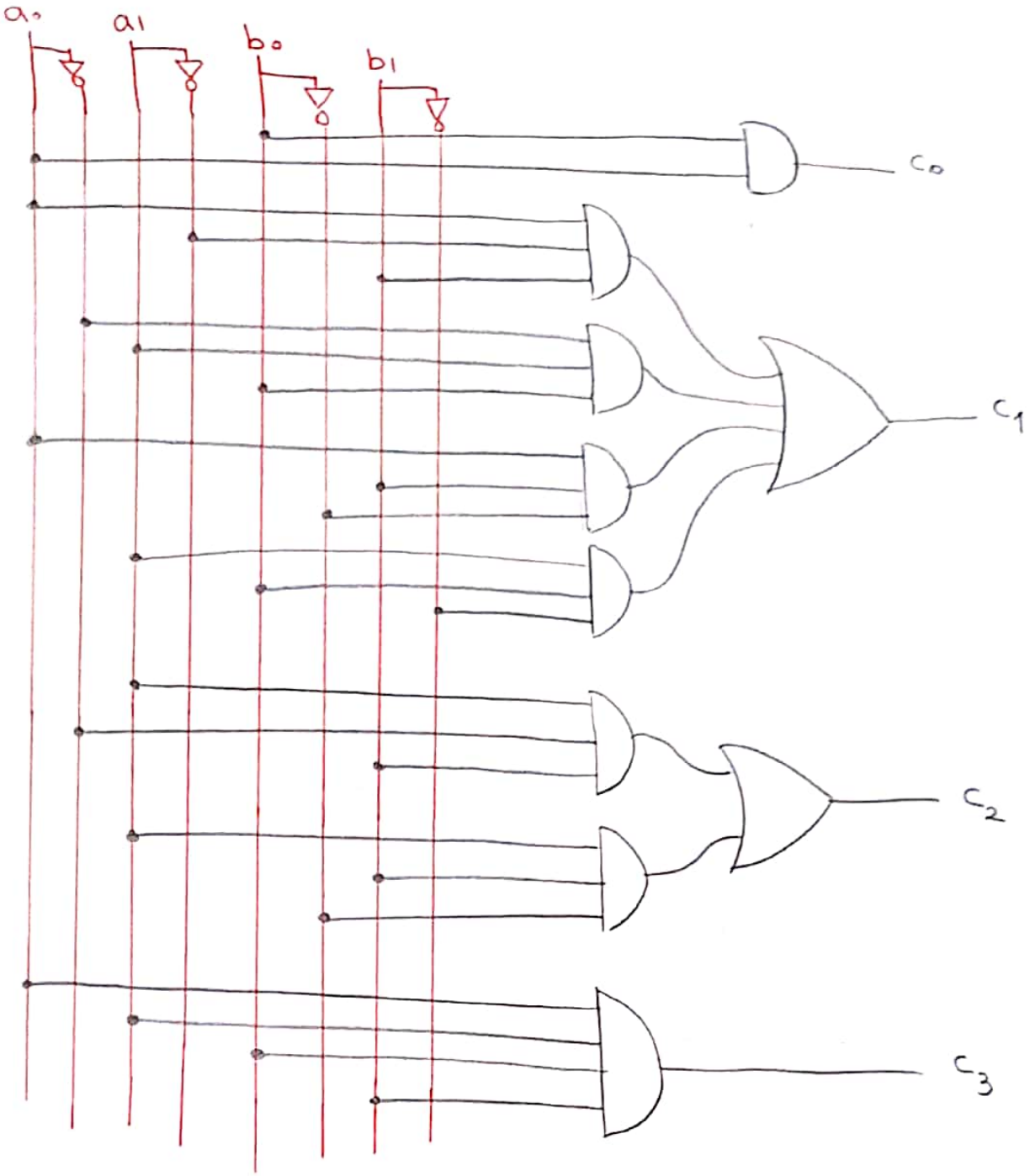
$C_2 = a_1\bar{a}_0b_1 + a_1b_1\bar{b}_0$

a_1a_0 / b_1b_0	00	01	11	10
00	0	0	0	0
01	0	0	0	0
11	0	0	1	0
10	0	0	0	0

$C_3 = a_1a_0b_1b_0$

۱۰/۱۰ نمره

Scanned with CamScanner



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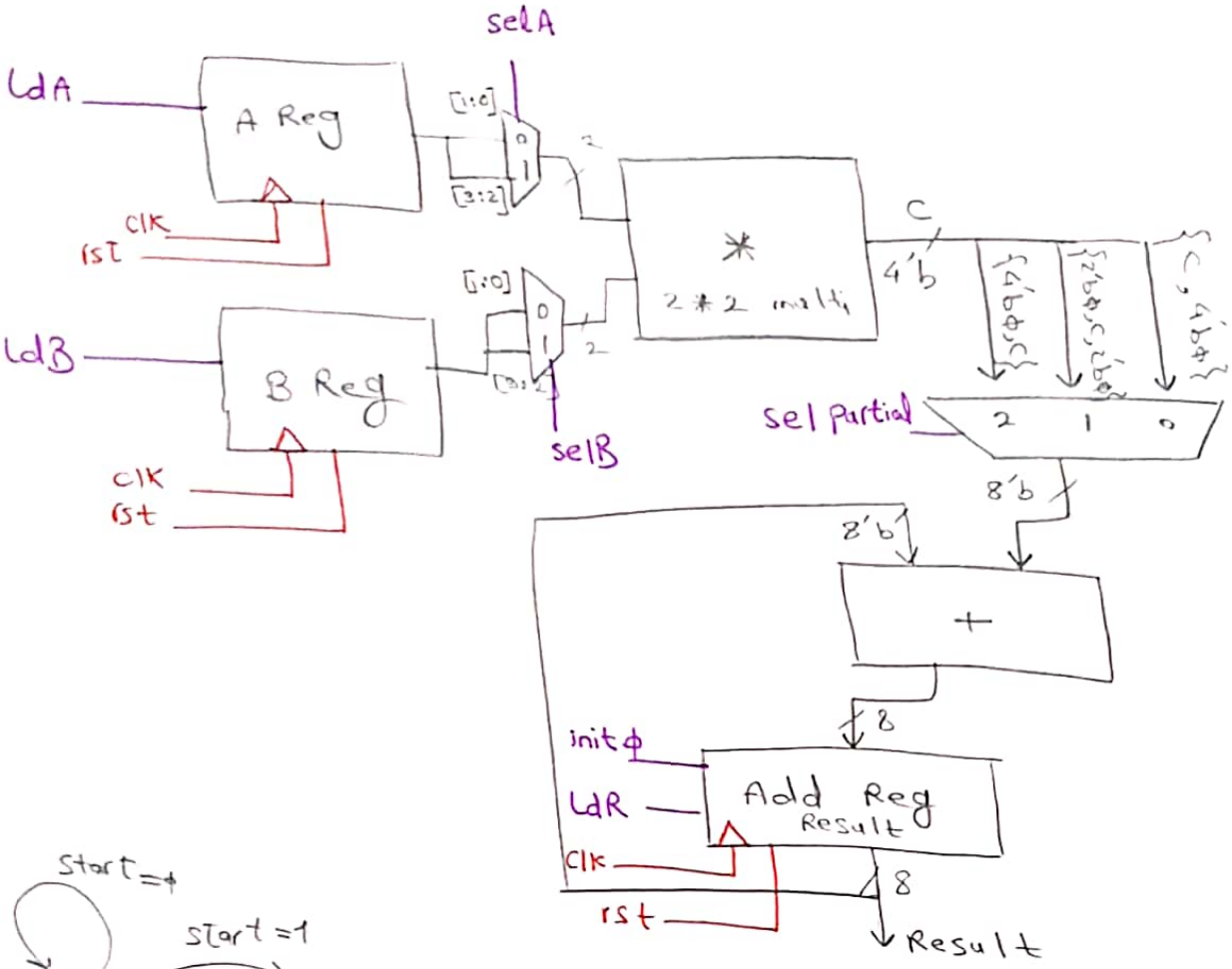
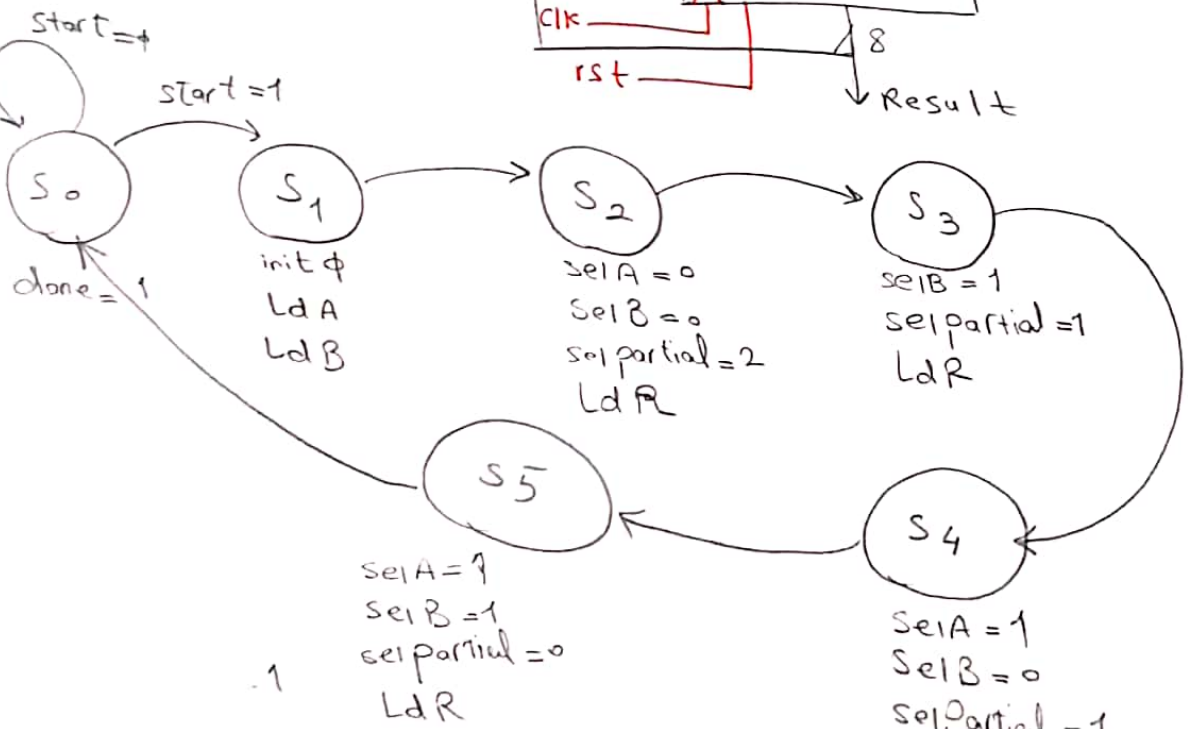




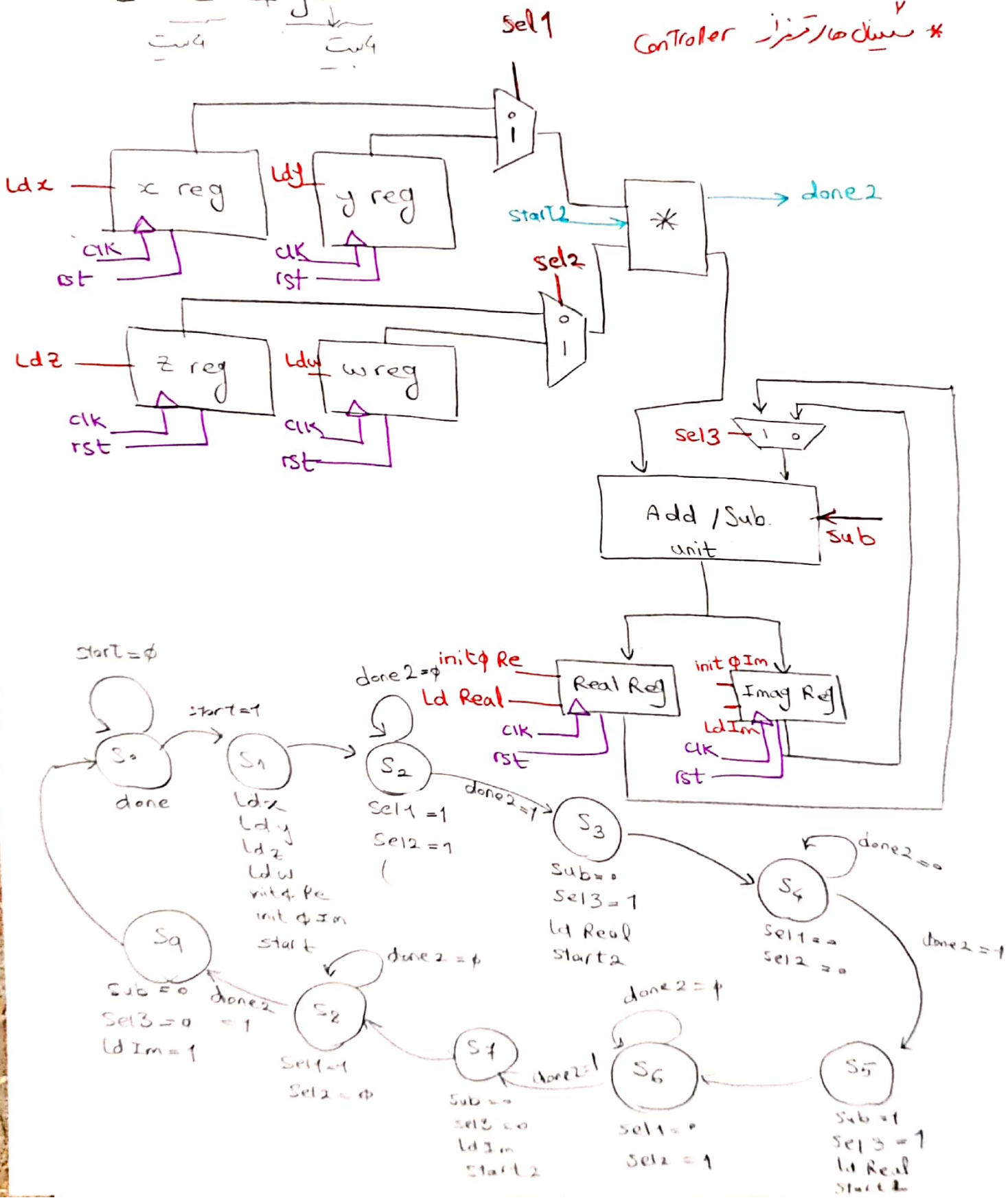
* سیگنال های نقش ریست را بیشتر کنترل

$a = x + jy$

$b = z + jw$

$a \times b = (xz - yw, xw + zy)$

* سیگنال‌های کنترلر Controller



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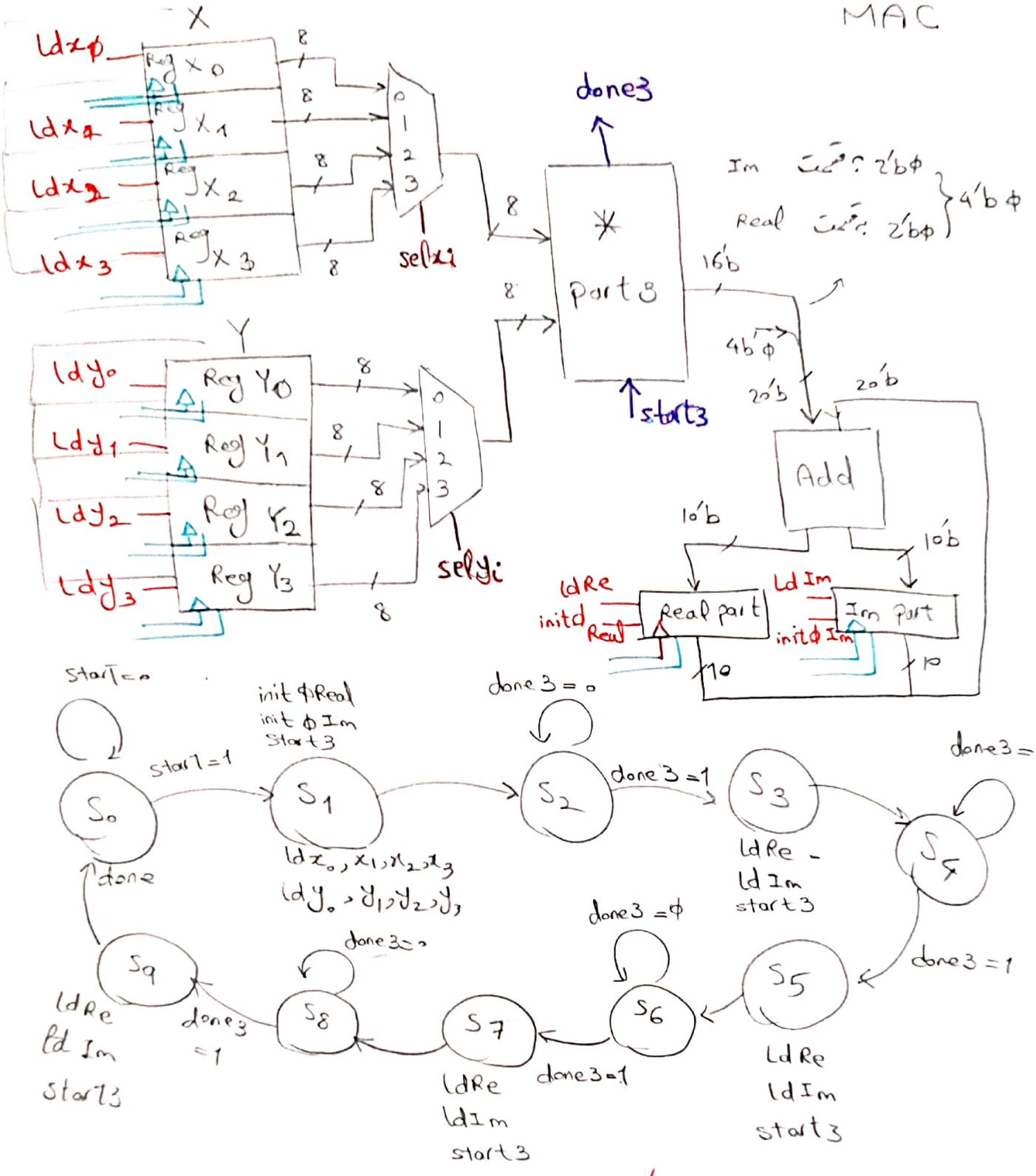
MAC



* سیگنال های ورودی سیگنال های کنترلی از سمت Controller هستند.

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