

D2	D1	D0	C1	C0	R1	R0
0	0	0	0	0	-	-
0	0	0	0	1	0	0
0	0	0	1	0	0	0
0	0	0	1	1	0	0
0	0	1	0	0	-	-
0	0	1	0	1	0	0
0	0	1	1	0	0	1
0	0	1	1	1	0	1
0	1	0	0	0	-	-
0	1	0	0	1	0	0
0	1	0	1	0	0	0
0	1	0	1	1	1	0
0	1	1	0	0	-	-
0	1	1	0	1	0	0
0	1	1	1	0	0	1
0	1	1	1	1	0	0
1	0	0	0	0	-	-
1	0	0	0	1	0	0
1	0	0	1	0	0	0
1	0	0	1	1	0	1
1	0	1	0	0	-	-
1	0	1	0	1	0	0
1	0	1	1	0	0	1
1	0	1	1	1	1	0
1	1	0	0	0	-	-
1	1	0	0	1	0	0
1	1	0	1	0	0	0
1	1	0	1	1	0	0
1	1	1	0	0	-	-
1	1	1	0	1	0	0
1	1	1	1	0	0	1
1	1	1	1	1	0	1

$D_2=0$

$D_1 D_0$	$C_1 C_0$	00	01	11	10
00	X	X	X	X	
01	0	0	0	0	
11	0	0	0	1	
10	0	0	0	0	

$D_1 D_0$	$C_1 C_0$	00	01	11	10
00	X	X	X	X	
01	0	0	0	0	
11	0	1	0	0	
10	0	1	1	0	

$R_1$

$D_2=1$

$D_1 D_0$

$C_1 C_0$	00	01	11	10
00	X	X	X	X
01	0	0	0	0
11	0	1	0	0
10	0	0	0	0

$R_0$

$D_1 D_0$	$C_1 C_0$	00	01	11	10
00	X	X	X	X	
01	0	0	0	0	
11	1	0	1	0	
10	0	1	1	0	

$R_1 = D_2 \bar{D}_1 D_0 C_1 C_0 + \bar{D}_2 D_1 \bar{D}_0 C_1 C_0$

$R_0 = D_0 \bar{C}_0 + \bar{D}_2 \bar{D}_1 D_0 C_1 + D_2 D_1 D_0 C_1 + D_2 \bar{D}_1 \bar{D}_0 C_1 C_0$

soluzione consistente con le Tavole di verità quella