

$d_2$	$d_1$	$d_0$	$Y$	12356	0
0	0	0		12345	1
0	0	1	U	345	2
0	1	0	L		
0	1	1	U	12345	3
1	0	0	N	246	4
1	0	1			5
1	1	0			6
1	1	1			7

I have weird issue with circuit's

$s_0$	$\bar{d}_1 \bar{d}_0$	$\bar{d}_1 d_0$	$d_1 d_0$	$d_1 \bar{d}_0$
$\bar{d}_2$	0	0	0	0
$d_2$	0	0	0	0

appearance for  
name logic in main  
I asked

$s_1$	$\bar{d}_1 \bar{d}_0$	$\bar{d}_1 d_0$	$d_1 d_0$	$d_1 \bar{d}_0$
$\bar{d}_2$	1	1	1	0
$d_2$	0	0	0	0

Moshe and he  
confirmed that he  
don't know why such thing  
happen and it doesn't  
 $d_2 \bar{d}_1 + d_2 d_0$  matter  
as

long as  
my result  
is correct

$s_2$	$\bar{d}_1 \bar{d}_0$	$\bar{d}_1 d_0$	$d_1 d_0$	$d_1 \bar{d}_0$
$\bar{d}_2$	1	1	1	0
$d_2$	1	0	0	0

$\bar{d}_1 \bar{d}_0 + d_2 d_0$

$s_3$	$\bar{d}_1\bar{d}_0$	$\bar{d}_1d_0$	$d_1d_0$	$d_1\bar{d}_0$
$\bar{d}_2$	1	1	1	1
$d_2$	0	0	0	0

$\bar{d}_2$

$s_4$	$\bar{d}_1\bar{d}_0$	$\bar{d}_1d_0$	$d_1d_0$	$d_1\bar{d}_0$
$\bar{d}_2$	0	1	1	1
$d_2$	1	0	0	0

$d_2\bar{d}_1\bar{d}_0 + \bar{d}_2d_0 + \bar{d}_2d_1$

$s_5$	$\bar{d}_1\bar{d}_0$	$\bar{d}_1d_0$	$d_1d_0$	$d_1\bar{d}_0$
$\bar{d}_2$	1	1	1	1
$d_2$	0	0	0	0

$\bar{d}_2$

$s_6$	$\bar{d}_1\bar{d}_0$	$\bar{d}_1d_0$	$d_1d_0$	$d_1\bar{d}_0$
$\bar{d}_2$	1	0	0	0
$d_2$	1	0	0	0

$\bar{d}_1\bar{d}_0$