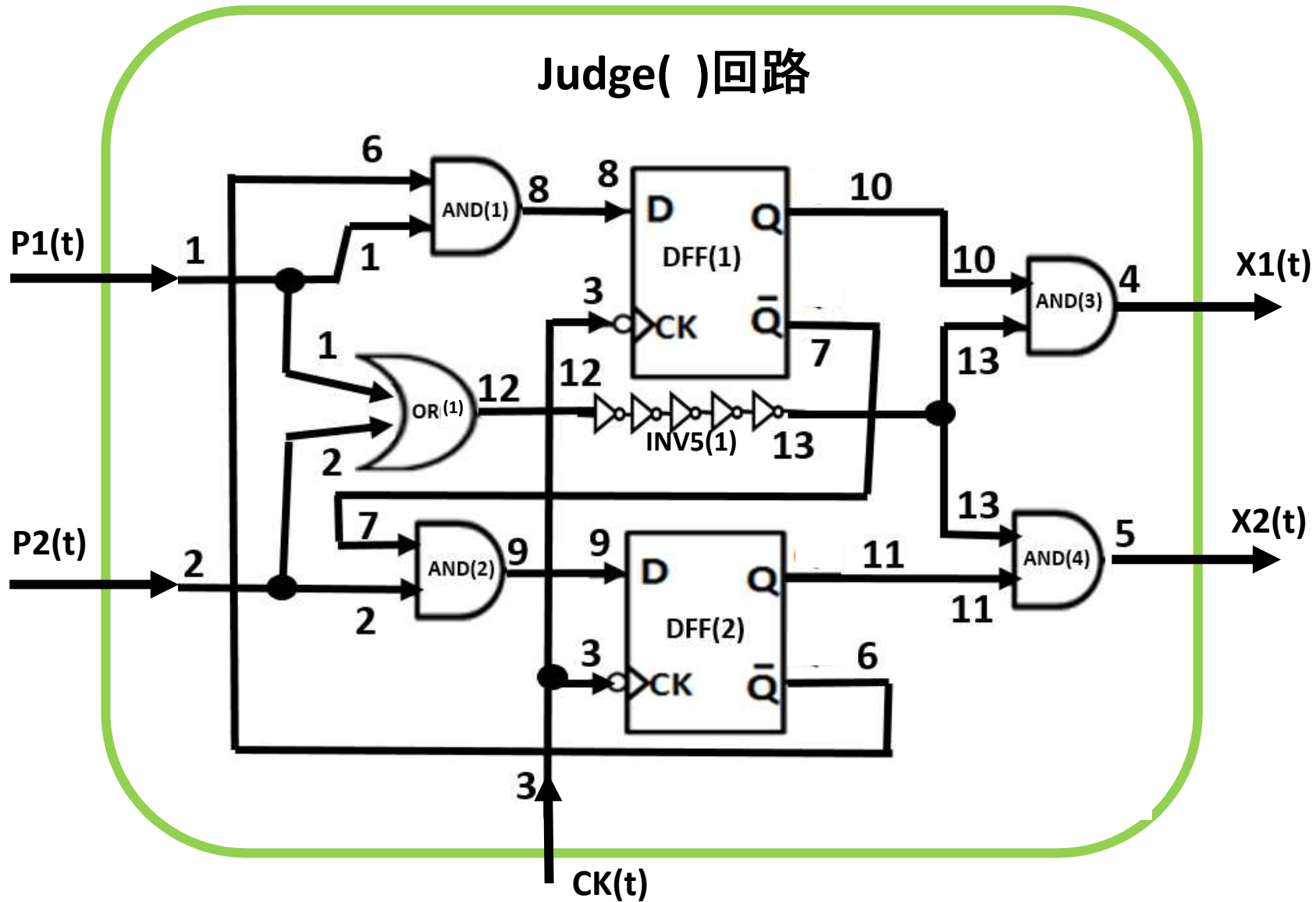
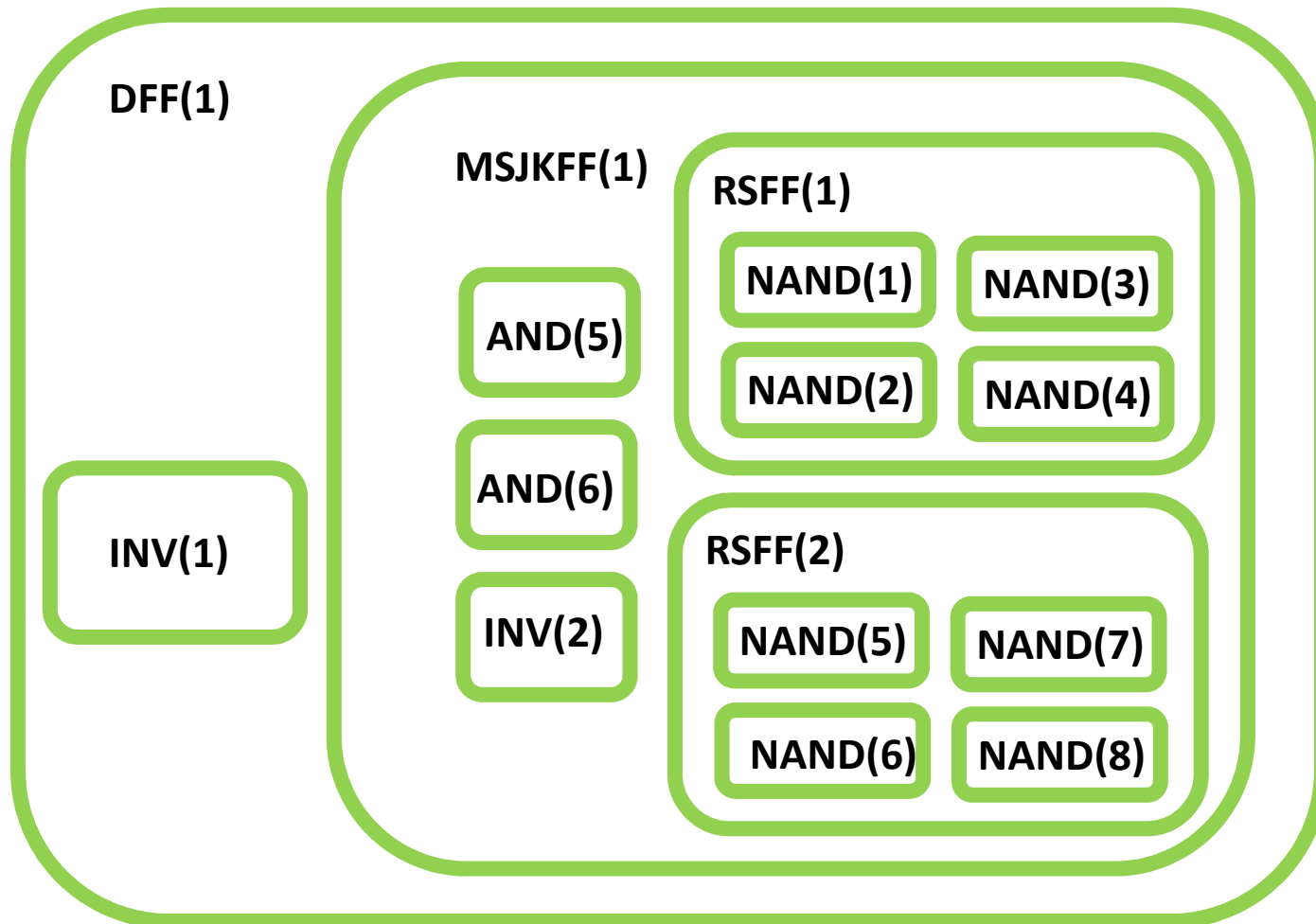
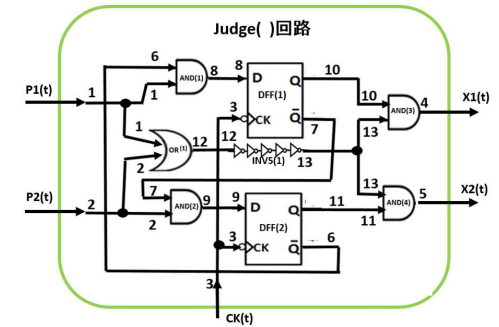


入退室判定回路 Judge() の動作説明



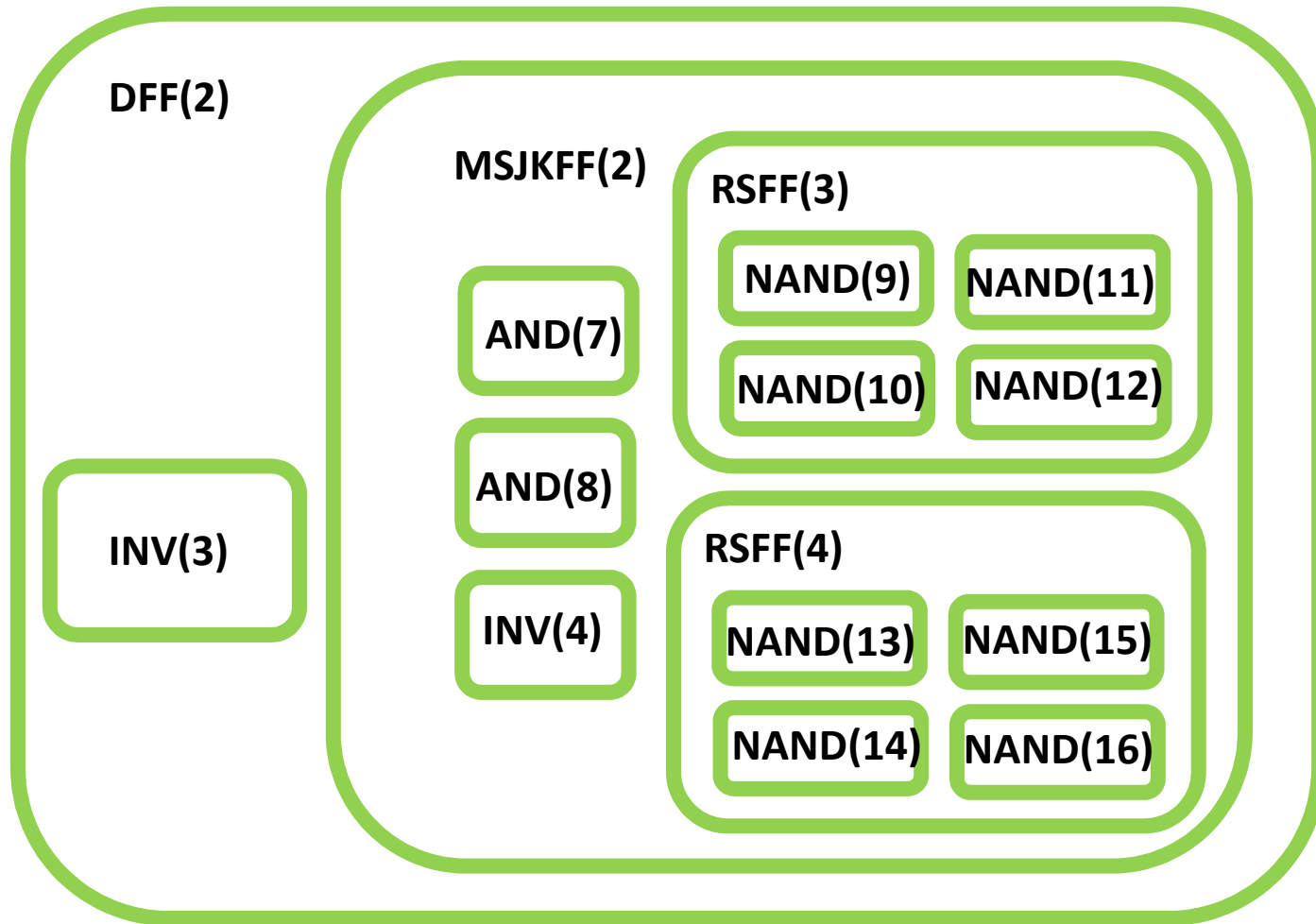
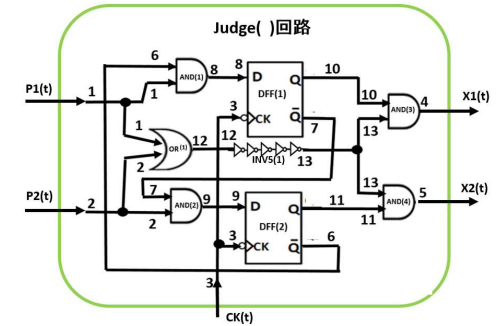
DCDL Codeでの関数番号

DFF(1) 回路の内部回路の構成

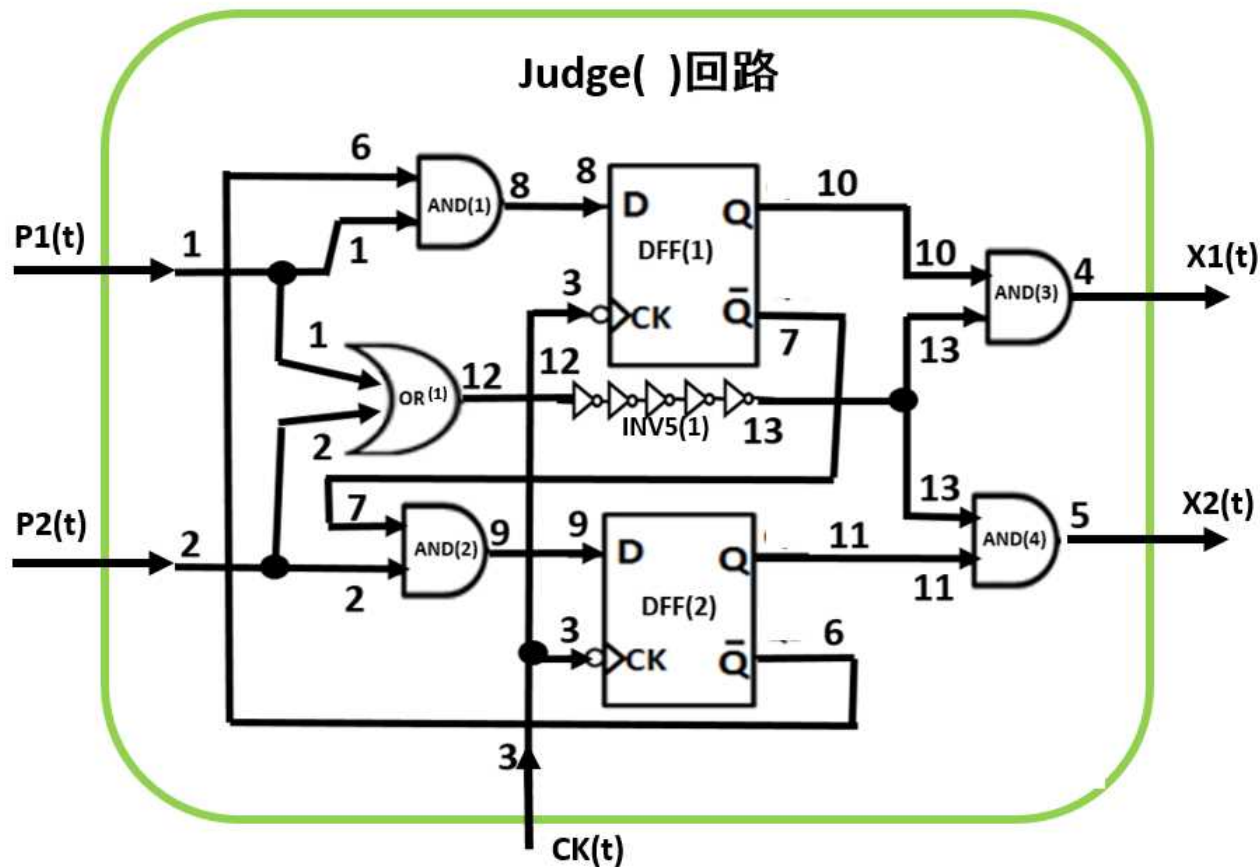


DCDL Codeでの関数番号

DFF(2) 回路の内部回路の構成



DCDL Code for Judge() 回路

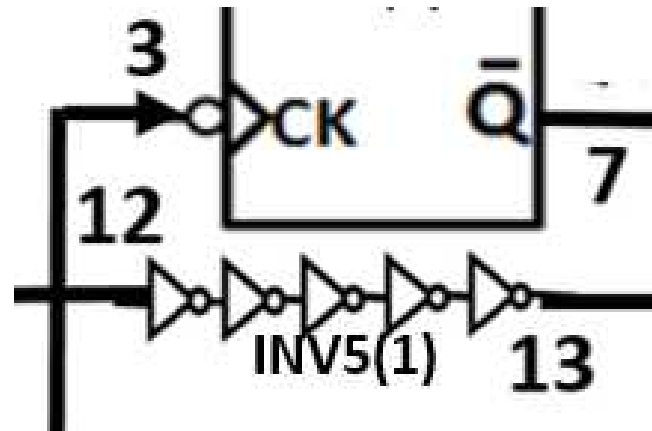


```

define Judge( ) { input [3][1][2] ; output [4][5]; memory [*6][*7];
    [*6][1]AND(1)--->[8]      ; [1][2]OR(1)--->[12]      ;
    [*7][2]AND(2)--->[9]      ; [12]INV5(1)--->[13]      ;
    [3][8]DFF(1)--->[10][7]   ; [3][9]DFF(2)--->[11][6]   ;
    [10][13]AND(3)--->[4]     ; [13][11]AND(4)--->[5]     ;
    [6][7]--->[*6][*7]      ; }
    
```

DCDL Code for INV5() 回路

the number of inverters in INV5() = N_{inv} = 51 or 5



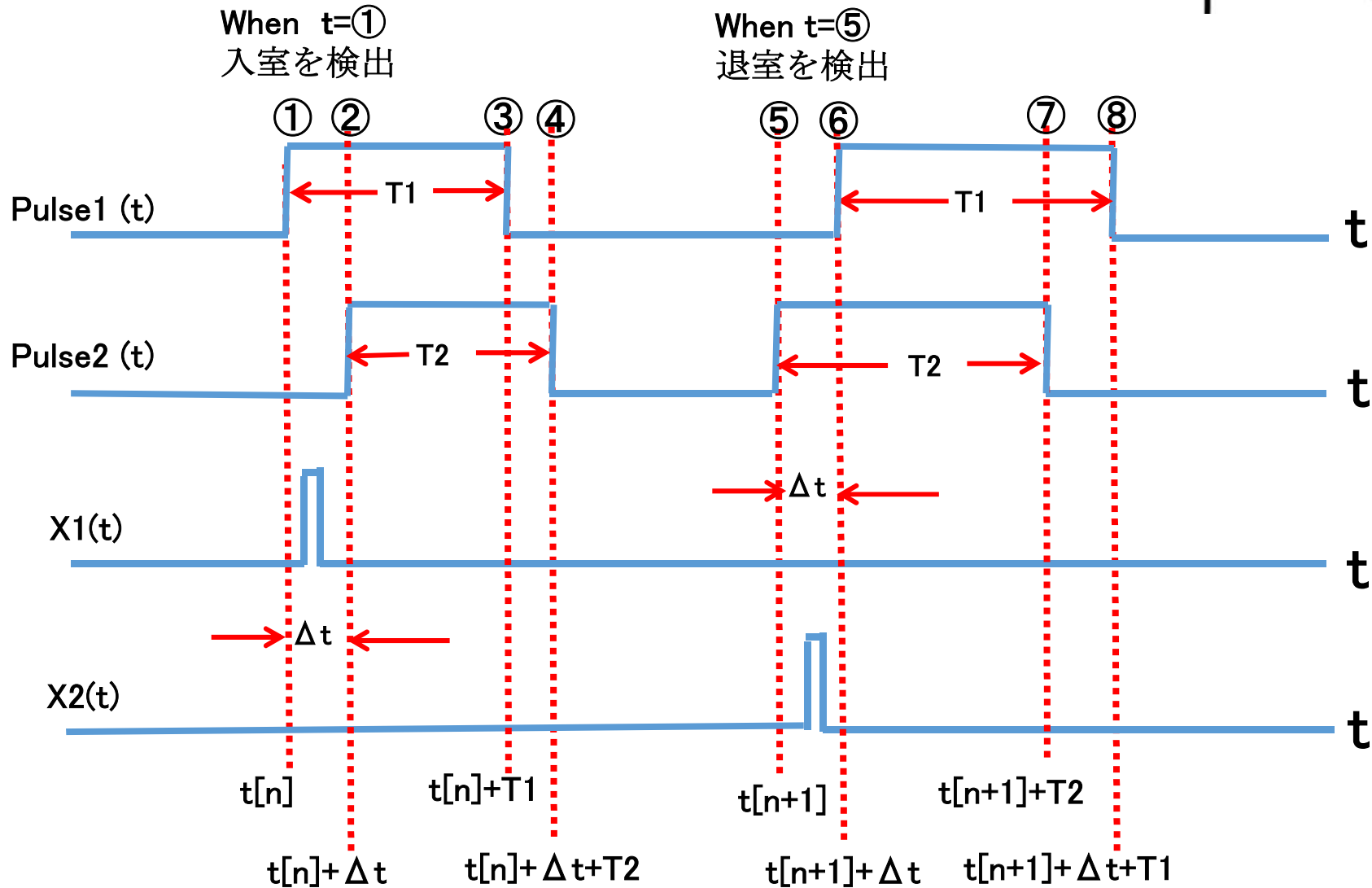
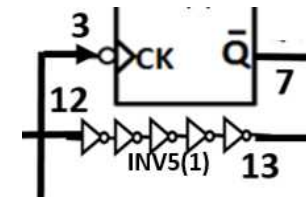
```
define INV5(1) { input A ; output B; memory BB[ ];
```

```
    B=BB[Ninv];
```

```
    for(i=Ninv to 1) BB[i]=1-BB[i-1] ;
```

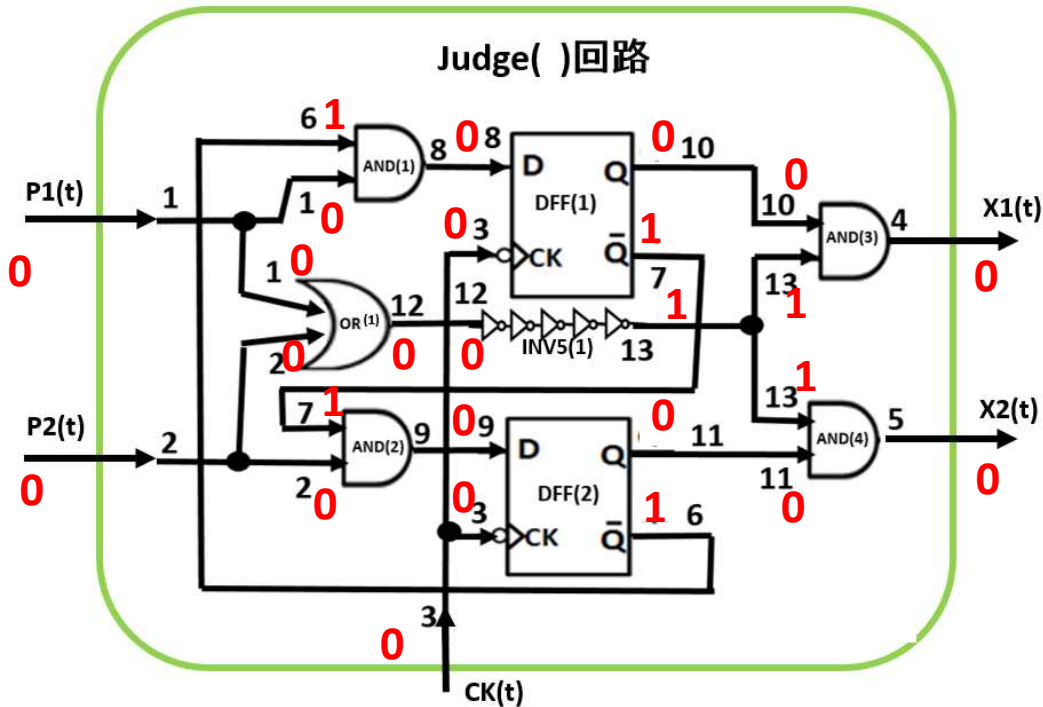
```
    BB[0]=1-A; }
```

When the number of inverters in INV5() = $N_{inv} = 51$



When the number of inverters in INV5() = Ninv= 51

t = 10000.0



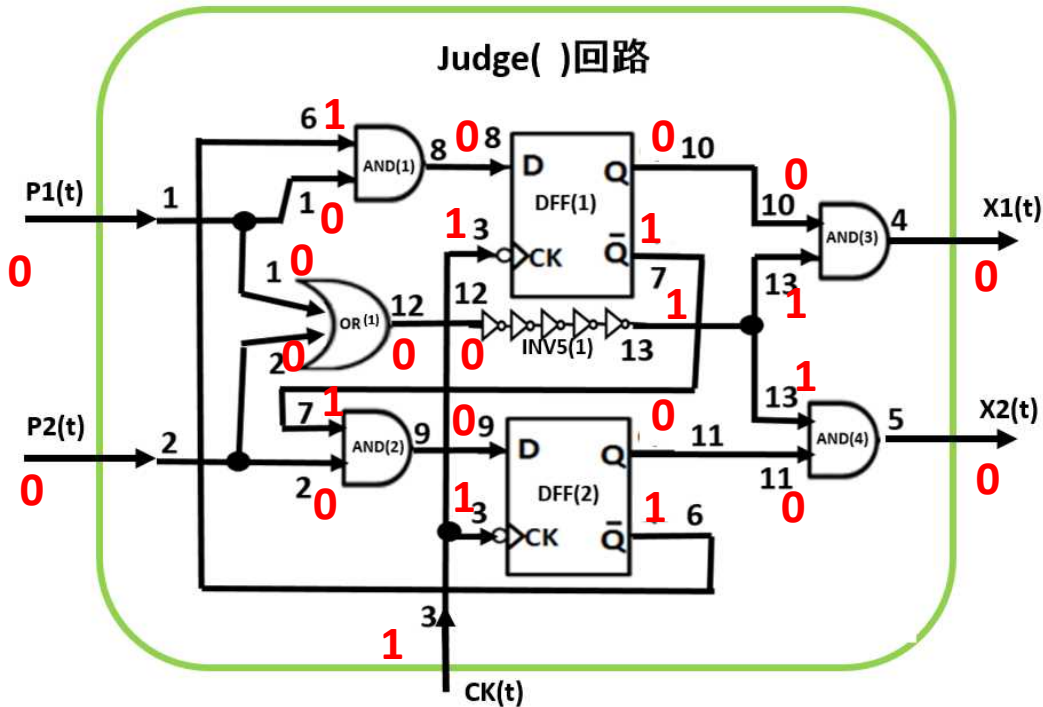
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	1	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10001.0



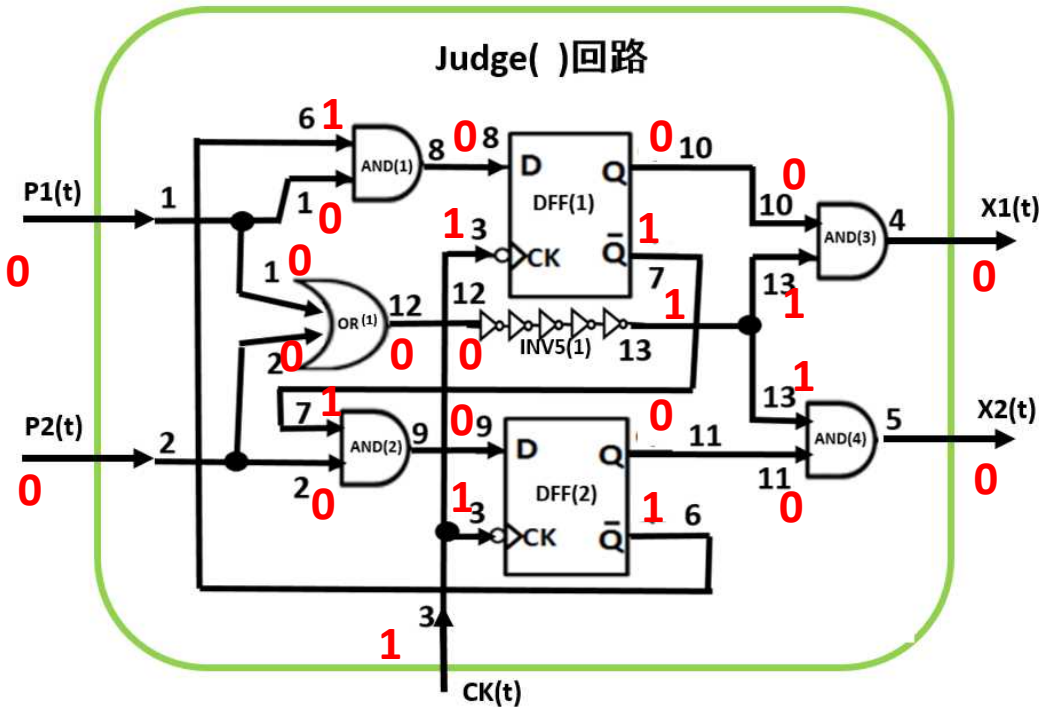
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10001.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.9	0	1	0	0	0	0	1	1	1	0	0	0	1
10013.0	1	1	0	1	0	0	1	0	1	0	1	0	1
10013.4	0	1	0	1	0	0	1	0	1	0	1	0	1
10015.0	1	1	0	1	0	0	1	0	1	0	1	0	1
10015.3	1	1	0	1	0	0	1	0	1	0	1	0	1
10015.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10017.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10017.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10019.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10019.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10020.0	0	1	1	0	0	0	1	0	1	0	1	0	1
10021.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10021.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10023.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10023.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10025.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10025.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10027.0	1	1	1	0	0	0	1	0	1	0	1	0	1

When the number of inverters in INV5() = Ninv= 51

t = 10009.0



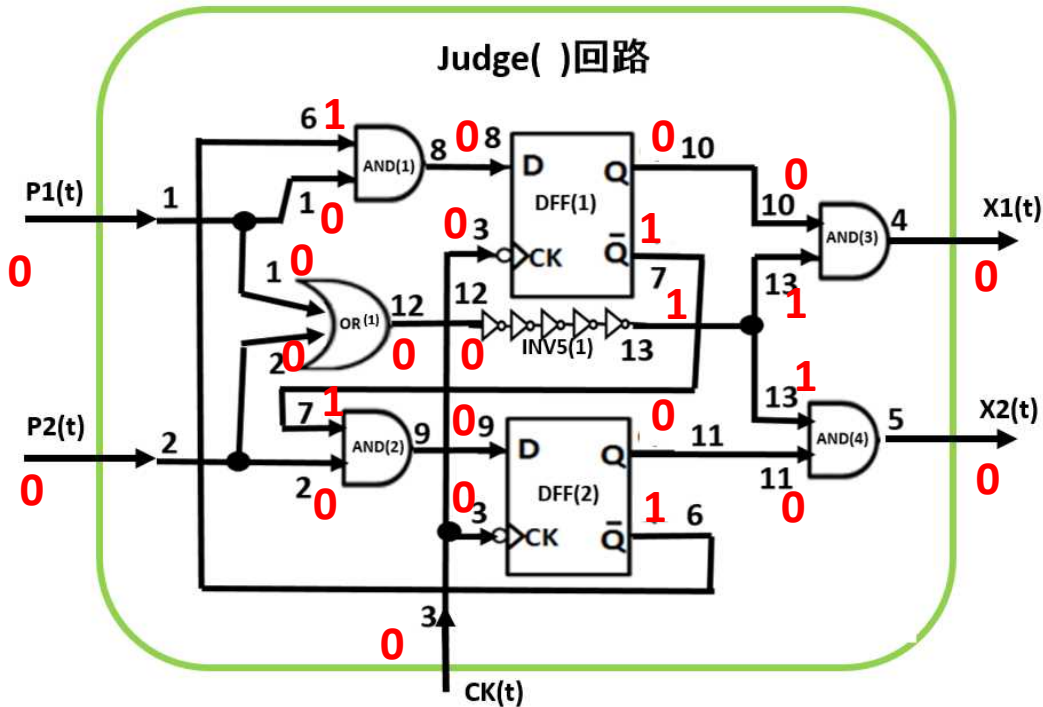
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	1	0	1	0	1	1
10011.9	0	1	0	0	1	1	1	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10009.4



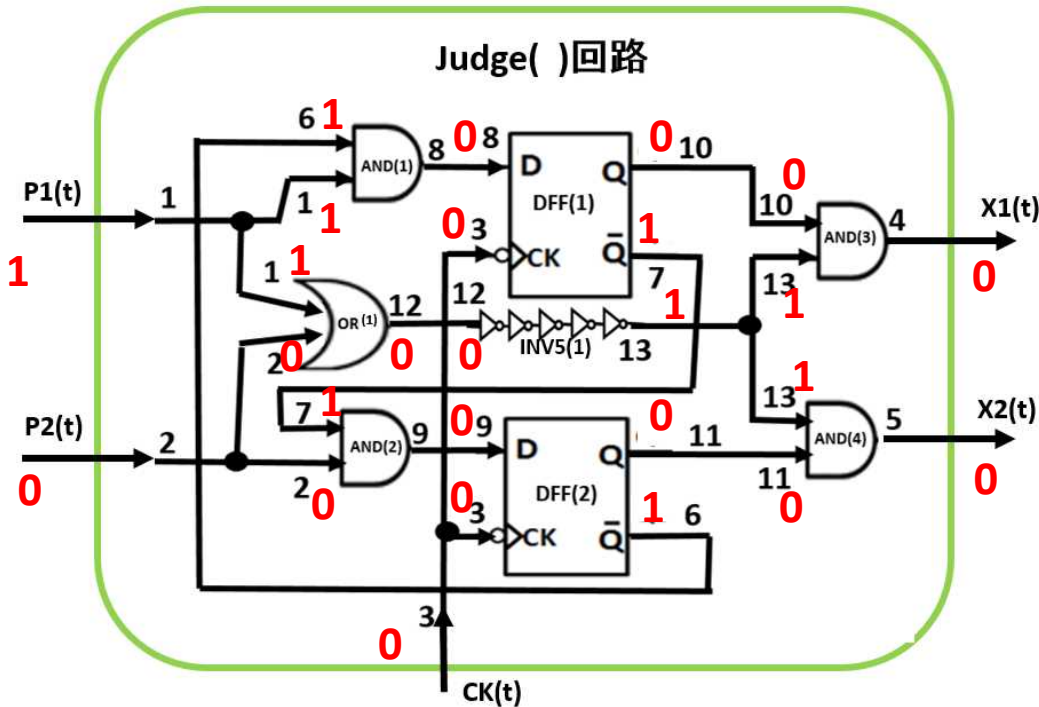
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	1	0	1	0	1	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10010.0



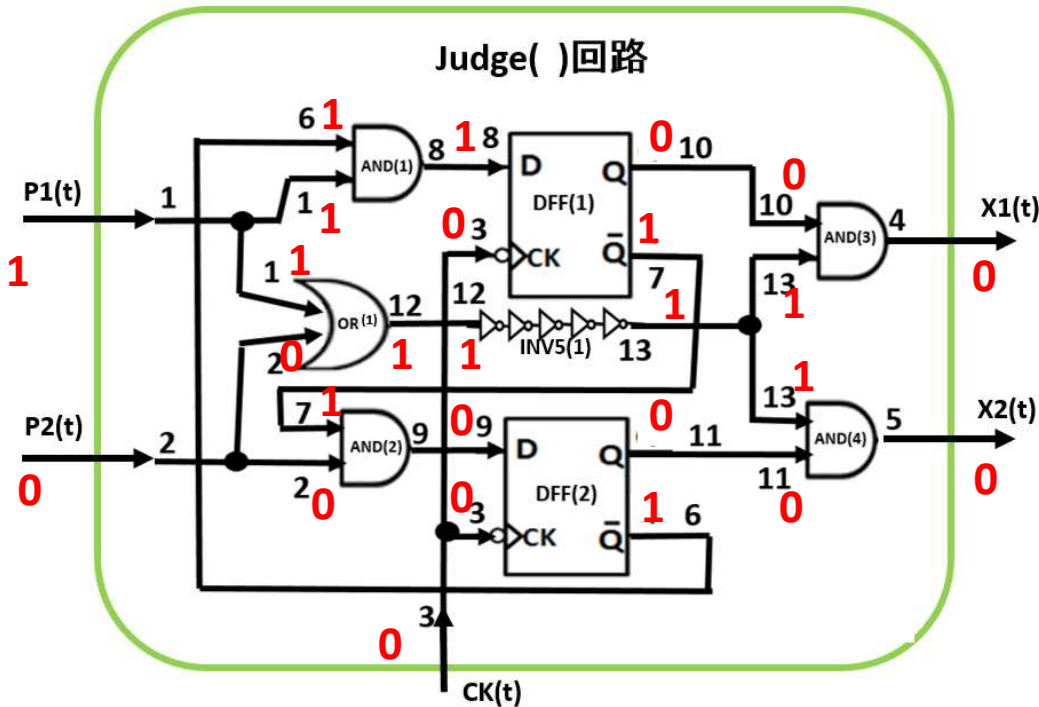
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	0	1
10011.0	1	1	0	0	0	1	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	0	1
10011.7	0	1	0	0	0	1	1	1	1	0	0	0	1
10011.8	0	1	0	0	1	1	1	1	0	1	0	0	1
10011.9	0	1	0	0	1	1	1	1	0	1	0	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	0	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	0	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	0	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	0	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	0	1
10017.0	1	1	0	0	0	1	0	1	0	1	0	0	1
10017.4	0	1	0	0	0	1	0	1	0	1	0	0	1
10019.0	1	1	0	0	0	1	0	1	0	1	0	0	1
10019.4	0	1	0	0	0	1	0	1	0	1	0	0	1
10020.0	0	1	1	0	0	1	0	1	0	1	0	0	1
10021.0	1	1	1	0	0	1	0	1	0	1	0	0	1
10021.4	0	1	1	0	0	1	0	1	0	1	0	0	1
10023.0	1	1	1	0	0	1	0	1	0	1	0	0	1
10023.4	0	1	1	0	0	1	0	1	0	1	0	0	1
10025.0	1	1	1	0	0	1	0	1	0	1	0	0	1
10025.4	0	1	1	0	0	1	0	1	0	1	0	0	1
10027.0	1	1	1	0	0	1	0	1	0	1	0	0	1

When the number of inverters in INV5() = Ninv= 51

t = 10010.1



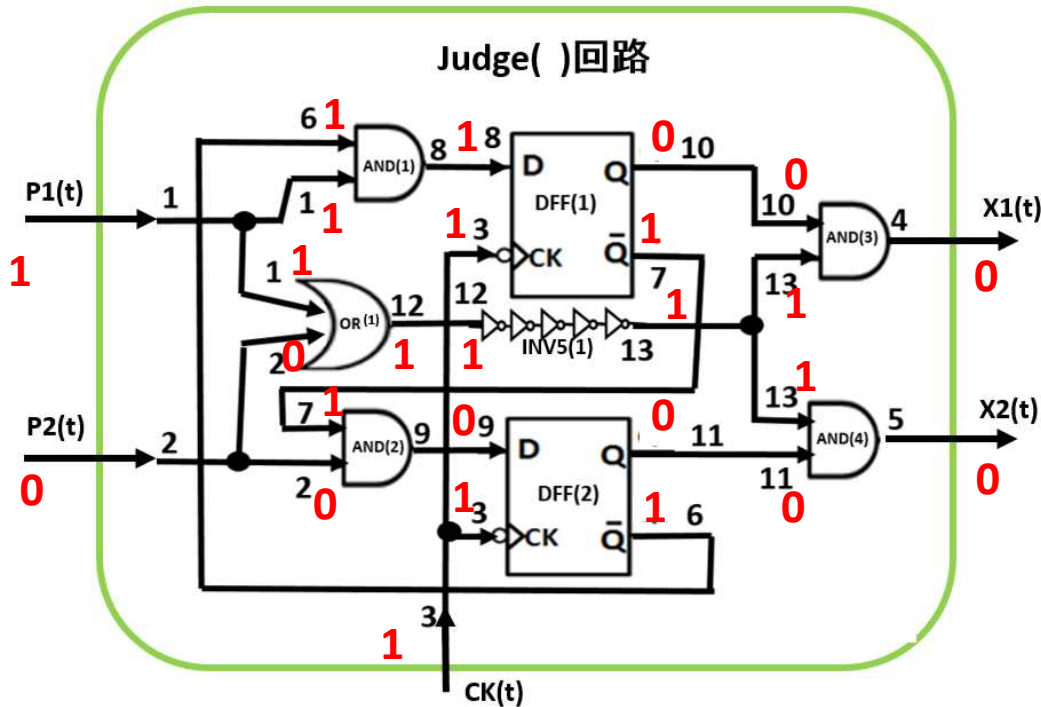
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	0	0	0	0	0	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	1	0	1	0	1	1
10011.9	0	1	0	0	1	1	1	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10011.0



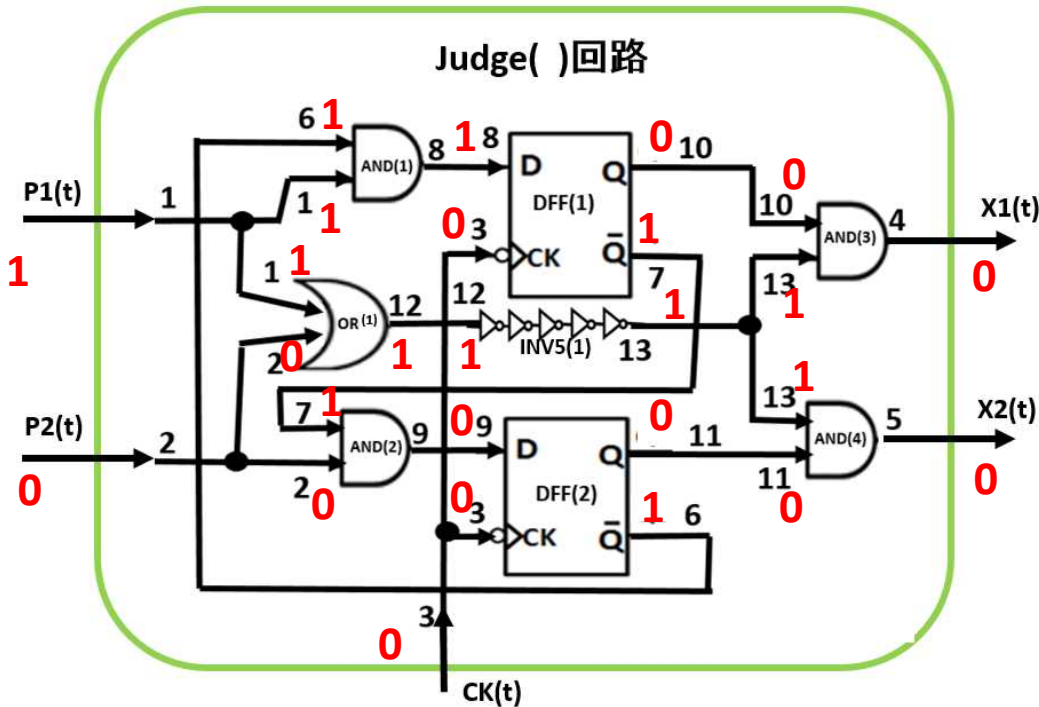
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	0	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	0	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	0	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10011.4



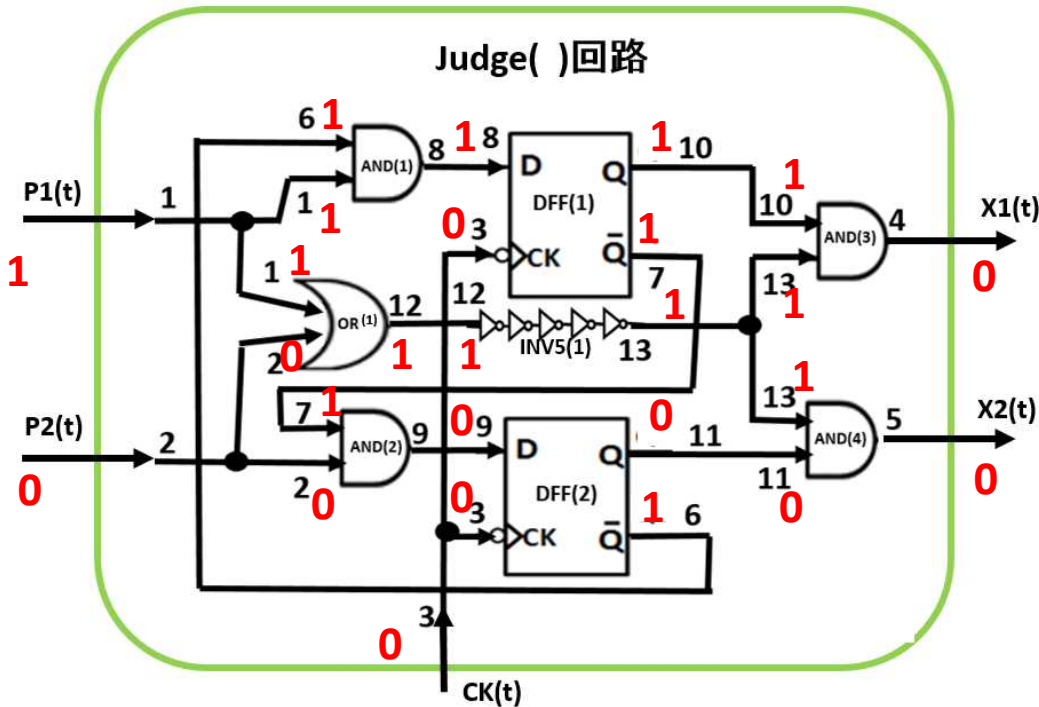
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	0	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	1	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	1	0	1	1	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	1	0	1	0	1
10013.4	0	1	0	1	0	1	0	1	1	0	1	0	1
10015.0	1	1	0	1	0	1	0	1	1	0	1	0	1
10015.3	1	1	0	1	0	1	0	1	1	0	1	0	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10011.7



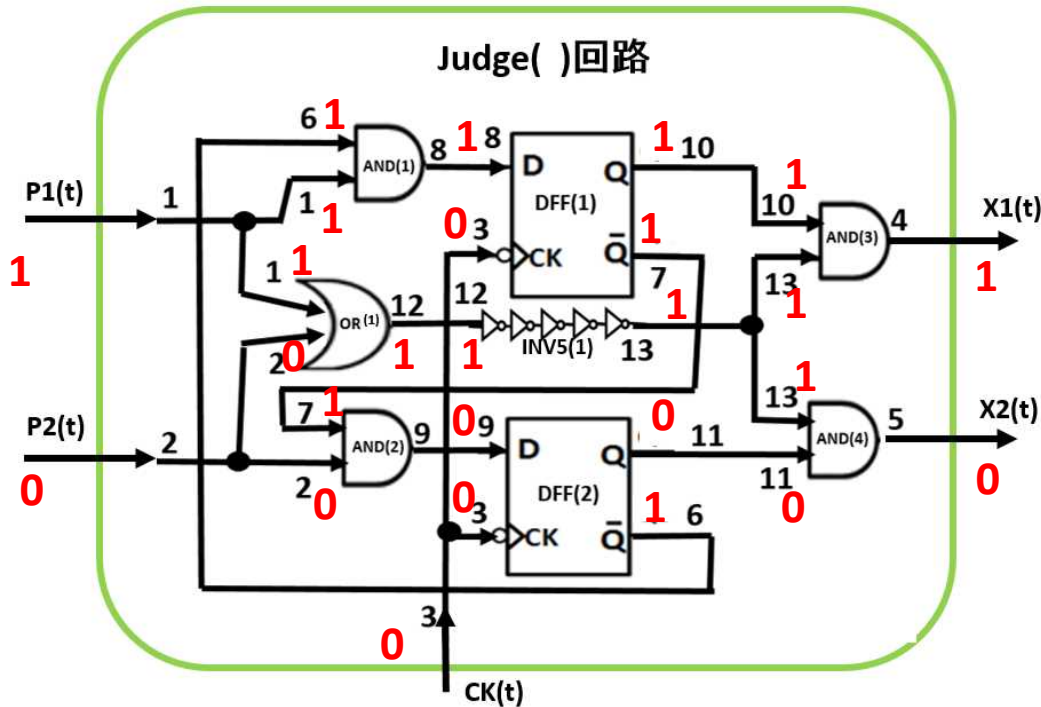
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	1	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10011.8



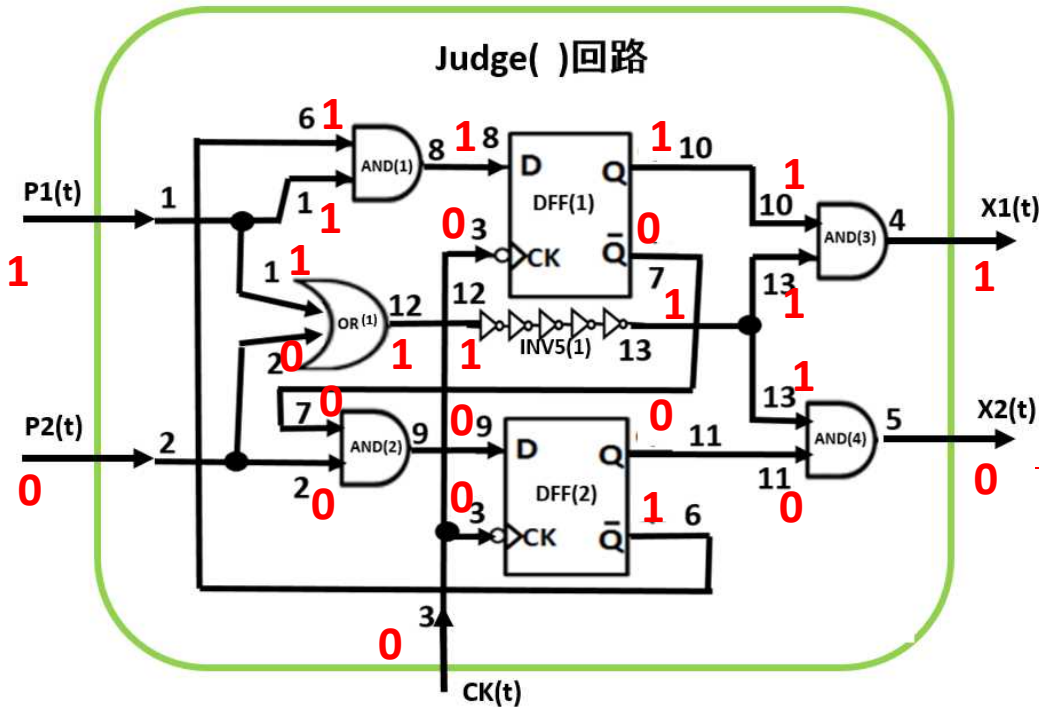
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	1	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	1	0	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	1	0	1	0	1	0	1
10013.4	0	1	0	1	0	1	1	0	1	0	1	0	1
10015.0	1	1	0	1	0	1	1	0	1	0	1	0	1
10015.3	1	1	0	1	0	1	1	0	1	0	1	0	1
10015.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10017.0	1	1	0	0	0	1	1	0	1	0	1	0	1
10017.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10019.0	1	1	0	0	0	1	1	0	1	0	1	0	1
10019.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10020.0	0	1	1	0	0	1	1	0	1	0	1	0	1
10021.0	1	1	1	0	0	1	1	0	1	0	1	0	1
10021.4	0	1	1	0	0	1	1	0	1	0	1	0	1
10023.0	1	1	1	0	0	1	1	0	1	0	1	0	1
10023.4	0	1	1	0	0	1	1	0	1	0	1	0	1
10025.0	1	1	1	0	0	1	1	0	1	0	1	0	1
10025.4	0	1	1	0	0	1	1	0	1	0	1	0	1
10027.0	1	1	1	0	0	1	1	0	1	0	1	0	1

When the number of inverters in INV5() = Ninv= 51

t = 10011.9



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

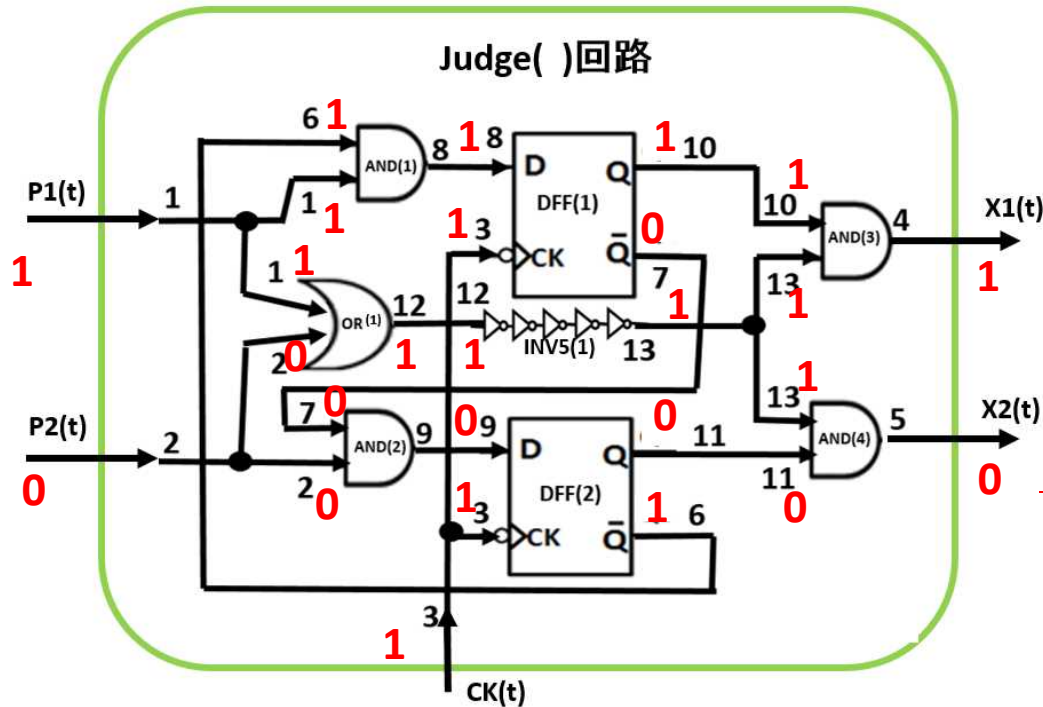
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.9	0	1	0	0	0	1	1	1	0	1	0	1	1
10013.0	1	1	0	0	0	1	1	0	1	0	1	0	1
10013.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10015.0	1	1	0	0	0	1	1	0	1	0	1	0	1
10015.3	1	1	0	0	0	1	1	0	1	0	1	0	1
10015.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10017.0	1	1	0	0	0	1	1	0	1	0	1	0	1
10017.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10019.0	1	1	0	0	0	1	1	0	1	0	1	0	1
10019.4	0	1	0	0	0	1	1	0	1	0	1	0	1
10020.0	0	1	1	0	0	1	1	0	1	0	1	0	1
10021.0	1	1	1	0	0	1	1	0	1	0	1	0	1
10021.4	0	1	1	0	0	1	1	0	1	0	1	0	1
10023.0	1	1	1	0	0	1	1	0	1	0	1	0	1
10023.4	0	1	1	0	0	1	1	0	1	0	1	0	1
10025.0	1	1	1	0	0	1	1	0	1	0	1	0	1
10025.4	0	1	1	0	0	1	1	0	1	0	1	0	1
10027.0	1	1	1	0	0	1	1	0	1	0	1	0	1

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

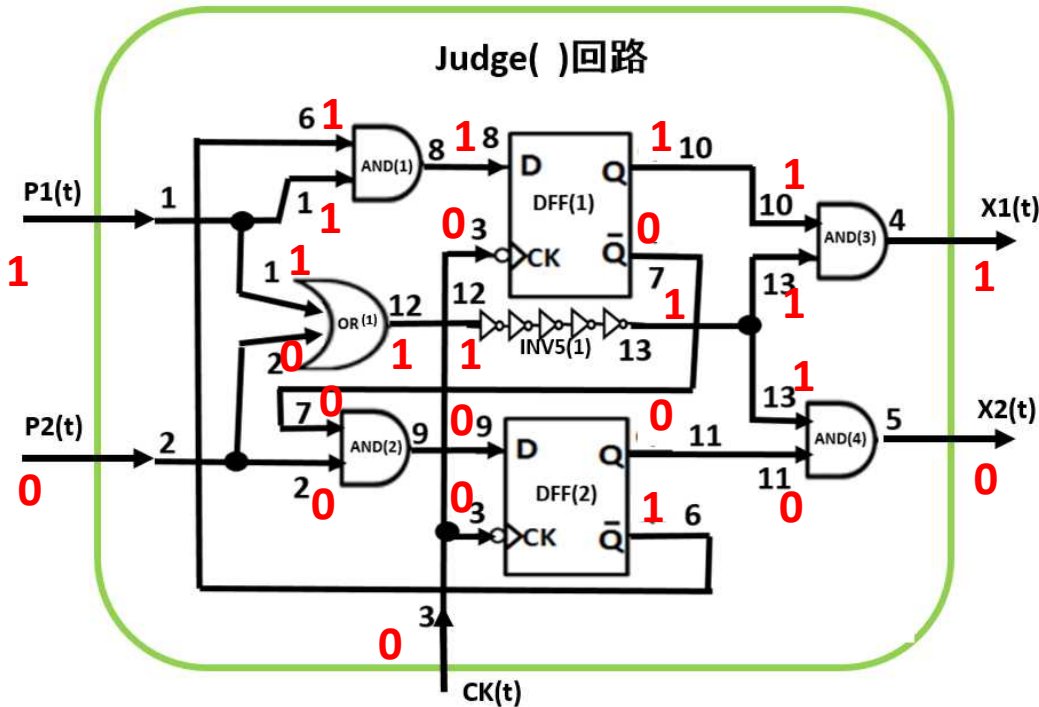
t = 10013.0



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	0	0	1	1	0	1	0	1	1
10011.9	0	1	0	0	0	0	1	1	0	1	0	1	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	0	1	0	1	0	1	0	1
10015.0	1	1	0	1	0	0	1	0	1	0	1	0	1
10015.3	1	1	0	0	0	0	1	0	1	0	1	0	1
10015.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10017.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10017.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10019.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10019.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10020.0	0	1	1	0	0	0	1	0	1	0	1	0	1
10021.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10021.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10023.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10023.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10025.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10025.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10027.0	1	1	1	0	0	0	1	0	1	0	1	0	1

When the number of inverters in INV5() = Ninv= 51

t = 10013.4



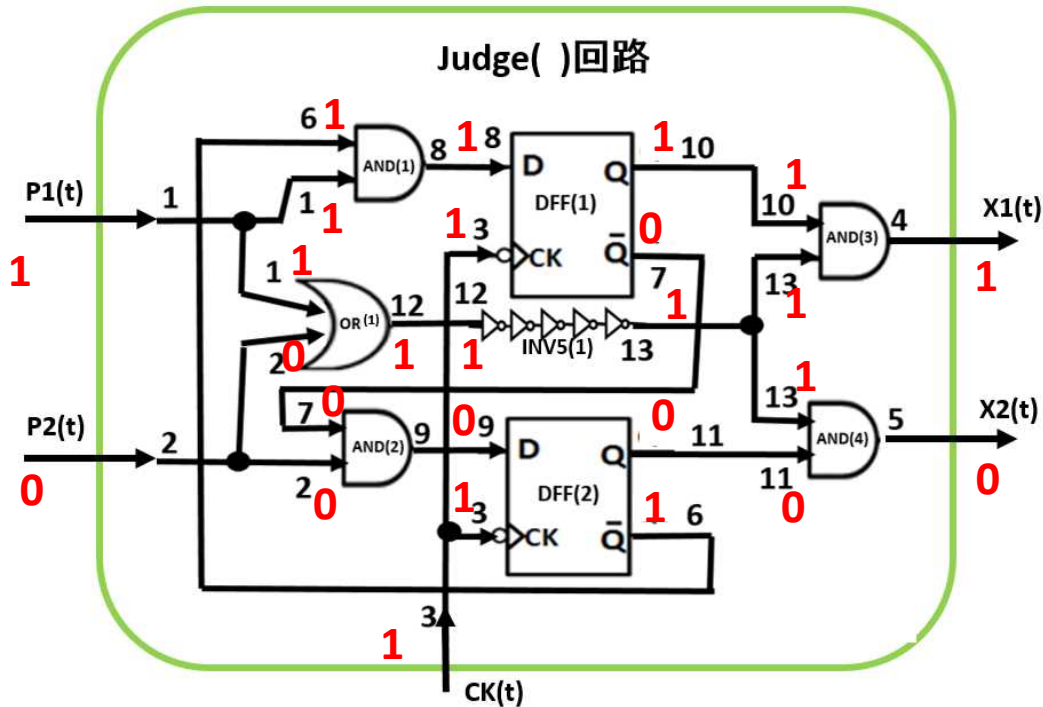
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	0	0	1	1	0	1	0	1	1
10013.0	1	1	0	0	0	0	1	1	0	1	0	1	1
10013.4	0	1	0	0	0	0	1	1	0	1	0	1	1
10015.0	1	1	0	0	0	0	1	1	0	1	0	1	1
10015.3	1	1	0	0	0	0	1	1	0	1	0	1	1
10015.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10017.0	1	1	0	0	0	0	1	1	0	1	0	1	0
10017.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10019.0	1	1	0	0	0	0	1	1	0	1	0	1	0
10019.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10020.0	0	1	1	0	0	0	1	1	0	1	0	1	0
10021.0	1	1	1	0	0	0	1	1	0	1	0	1	0
10021.4	0	1	1	0	0	0	1	1	0	1	0	1	0
10023.0	1	1	1	0	0	0	1	1	0	1	0	1	0
10023.4	0	1	1	0	0	0	1	1	0	1	0	1	0
10025.0	1	1	1	0	0	0	1	1	0	1	0	1	0
10025.4	0	1	1	0	0	0	1	1	0	1	0	1	0
10027.0	1	1	1	0	0	0	1	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10015.0



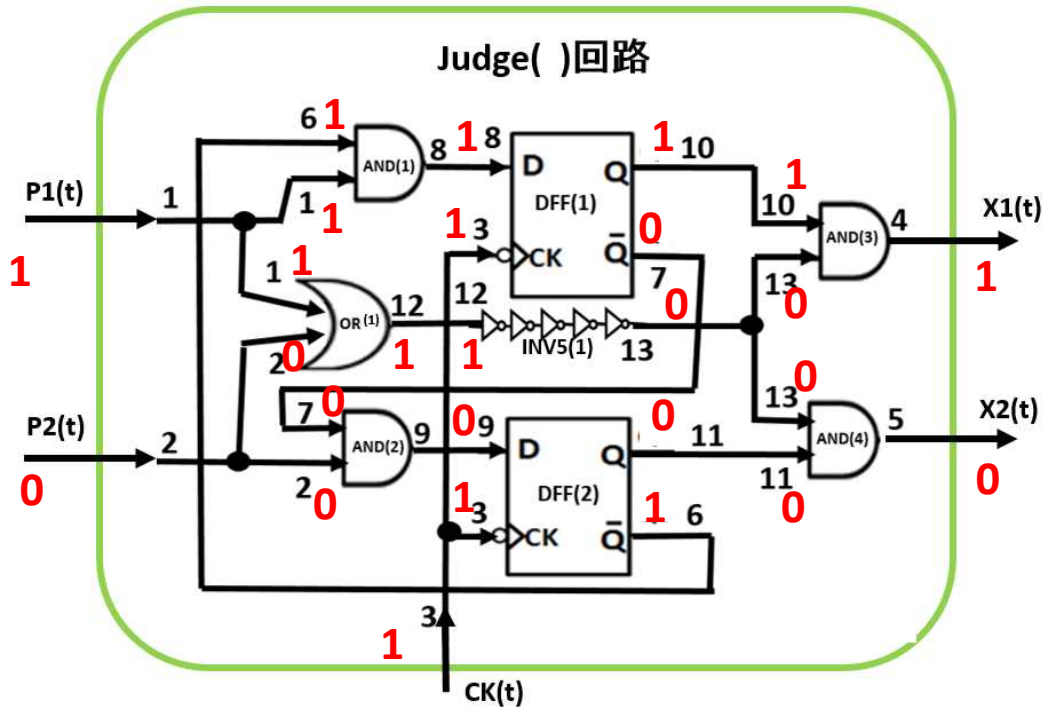
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	0	0	1	1	0	1	0	1	1
10013.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10013.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10015.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10015.3	1	1	0	0	0	0	1	0	1	0	1	0	0
10015.4	0	1	0	0	0	0	1	0	1	0	1	0	0
10017.0	1	1	0	0	0	0	1	0	1	0	1	0	0
10017.4	0	1	0	0	0	0	1	0	1	0	1	0	0
10019.0	1	1	0	0	0	0	1	0	1	0	1	0	0
10019.4	0	1	0	0	0	0	1	0	1	0	1	0	0
10020.0	0	1	1	0	0	0	1	0	1	0	1	0	0
10021.0	1	1	1	0	0	0	1	0	1	0	1	0	0
10021.4	0	1	1	0	0	0	1	0	1	0	1	0	0
10023.0	1	1	1	0	0	0	1	0	1	0	1	0	0
10023.4	0	1	1	0	0	0	1	0	1	0	1	0	0
10025.0	1	1	1	0	0	0	1	0	1	0	1	0	0
10025.4	0	1	1	0	0	0	1	0	1	0	1	0	0
10027.0	1	1	1	0	0	0	1	0	1	0	1	0	0

When the number of inverters in INV5() = Ninv= 51

t = 10015.3



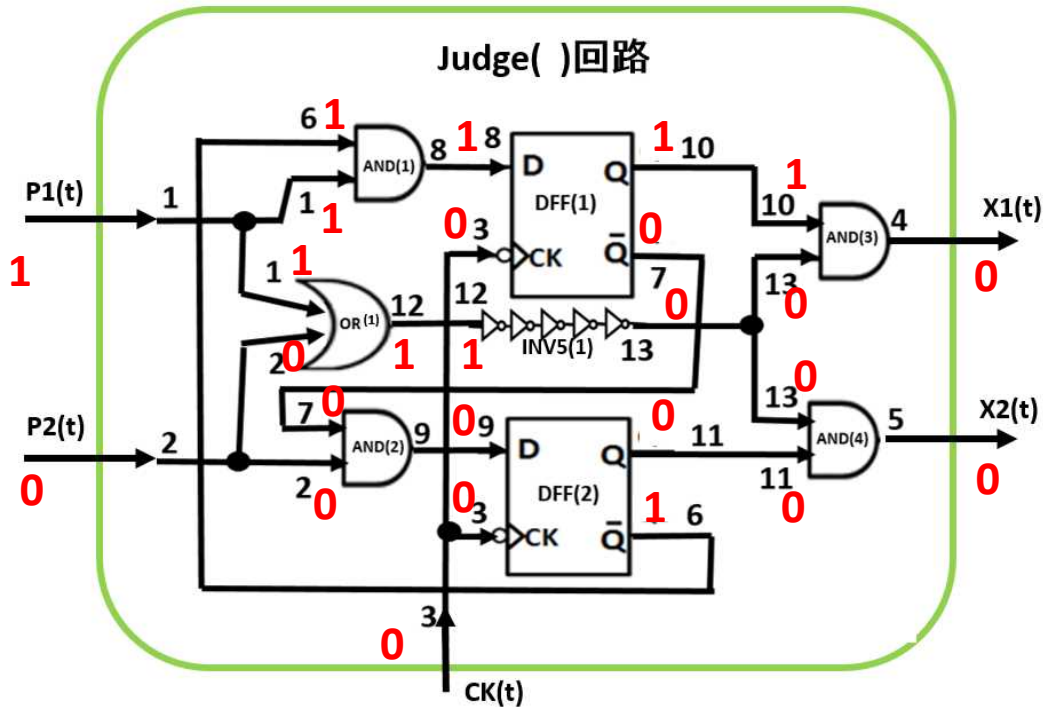
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10015.4



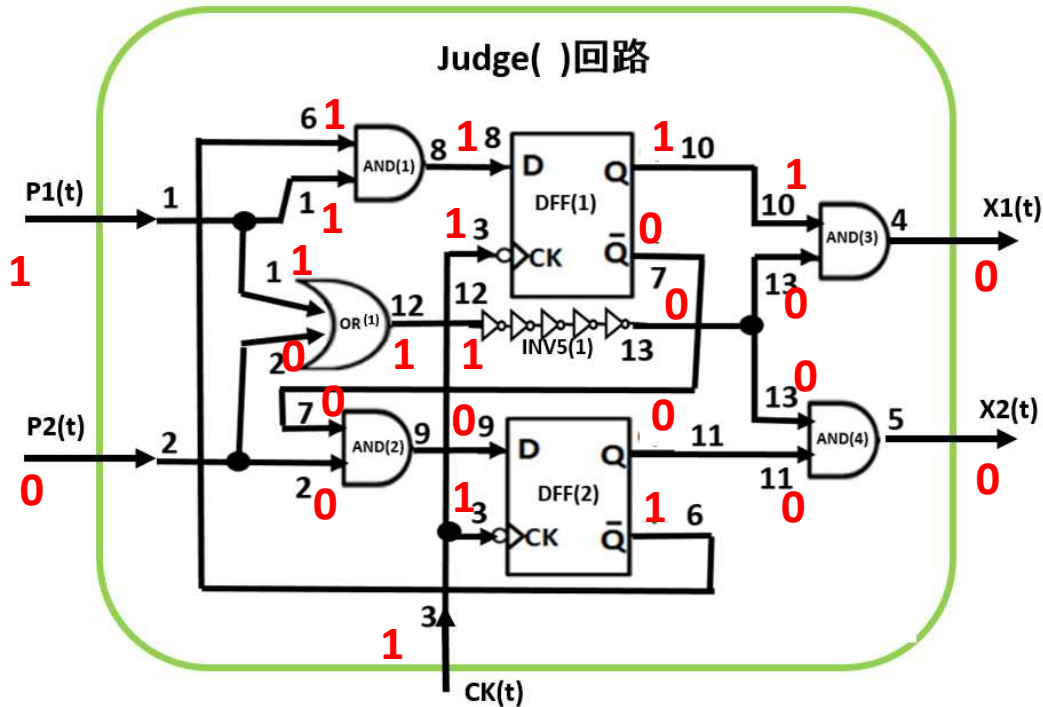
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10017.0



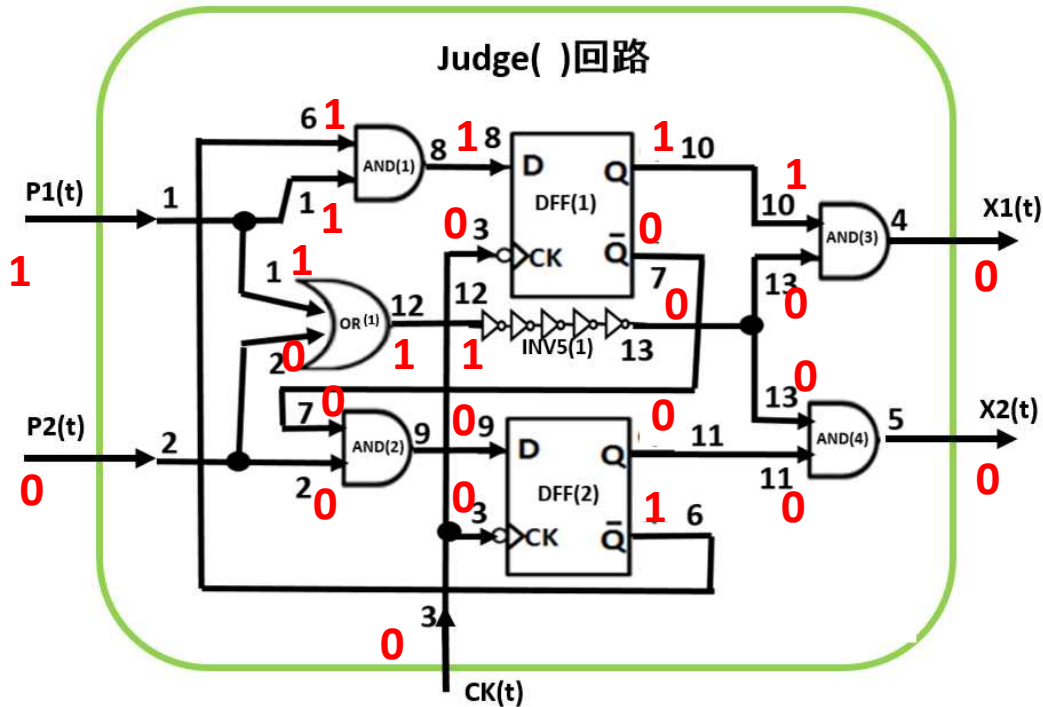
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	0	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	0	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	0	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	0	1
10011.8	0	1	0	0	1	1	1	0	1	0	0	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	0	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	0	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	0	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	0	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	0	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	0	1
10017.0	1	1	0	0	0	1	0	1	0	1	0	0	1
10017.4	0	1	0	0	0	1	0	1	0	1	0	0	1
10019.0	1	1	0	0	0	1	0	1	0	1	0	0	1
10019.4	0	1	0	0	0	1	0	1	0	1	0	0	1
10020.0	0	1	1	0	0	1	0	1	0	1	0	0	1
10021.0	1	1	1	0	0	1	0	1	0	1	0	0	1
10021.4	0	1	1	0	0	1	0	1	0	1	0	0	1
10023.0	1	1	1	0	0	1	0	1	0	1	0	0	1
10023.4	0	1	1	0	0	1	0	1	0	1	0	0	1
10025.0	1	1	1	0	0	1	0	1	0	1	0	0	1
10025.4	0	1	1	0	0	1	0	1	0	1	0	0	1
10027.0	1	1	1	0	0	1	0	1	0	1	0	0	1

When the number of inverters in INV5() = Ninv= 51

t = 10017.4



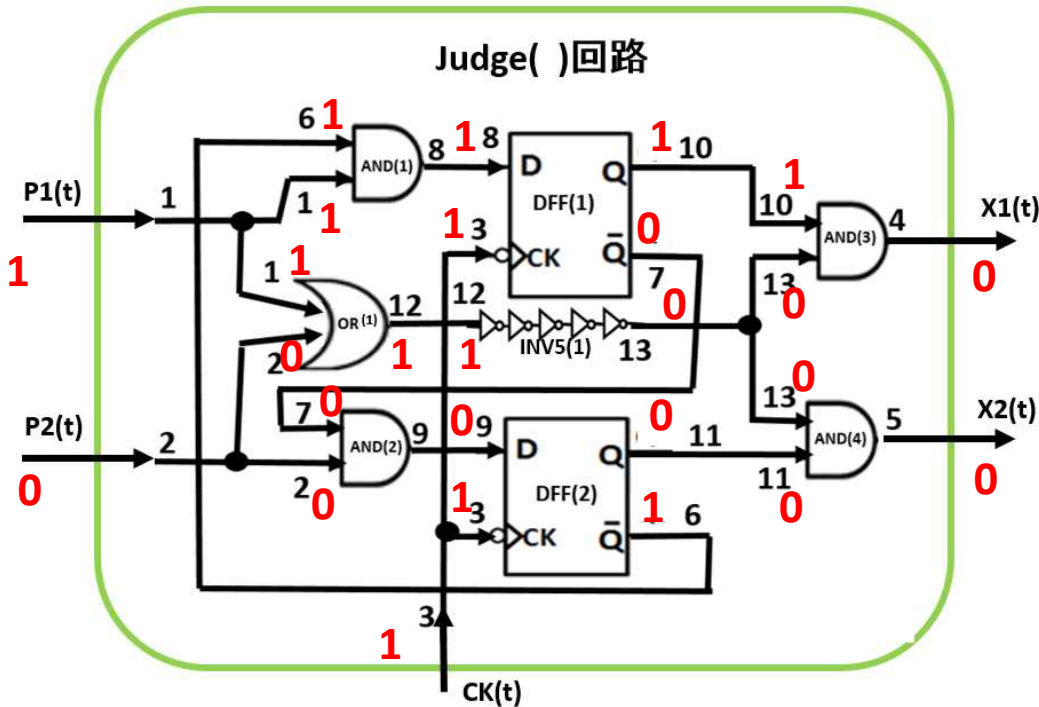
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	0	0	1	1	1	0	1	0	1
10013.0	1	1	0	0	0	0	1	1	0	1	0	1	1
10013.4	0	1	0	0	0	0	1	1	0	1	0	1	1
10015.0	1	1	0	0	0	0	1	1	0	1	0	1	1
10015.3	1	1	0	0	0	0	1	1	0	1	0	1	1
10015.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10017.0	1	1	0	0	0	0	1	1	0	1	0	1	0
10017.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10019.0	1	1	0	0	0	0	1	1	0	1	0	1	0
10019.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10020.0	0	1	1	0	0	0	1	1	0	1	0	1	0
10021.0	1	1	1	0	0	0	1	1	0	1	0	1	0
10021.4	0	1	1	0	0	0	1	1	0	1	0	1	0
10023.0	1	1	1	0	0	0	1	1	0	1	0	1	0
10023.4	0	1	1	0	0	0	1	1	0	1	0	1	0
10025.0	1	1	1	0	0	0	1	1	0	1	0	1	0
10025.4	0	1	1	0	0	0	1	1	0	1	0	1	0
10027.0	1	1	1	0	0	0	1	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10019.0



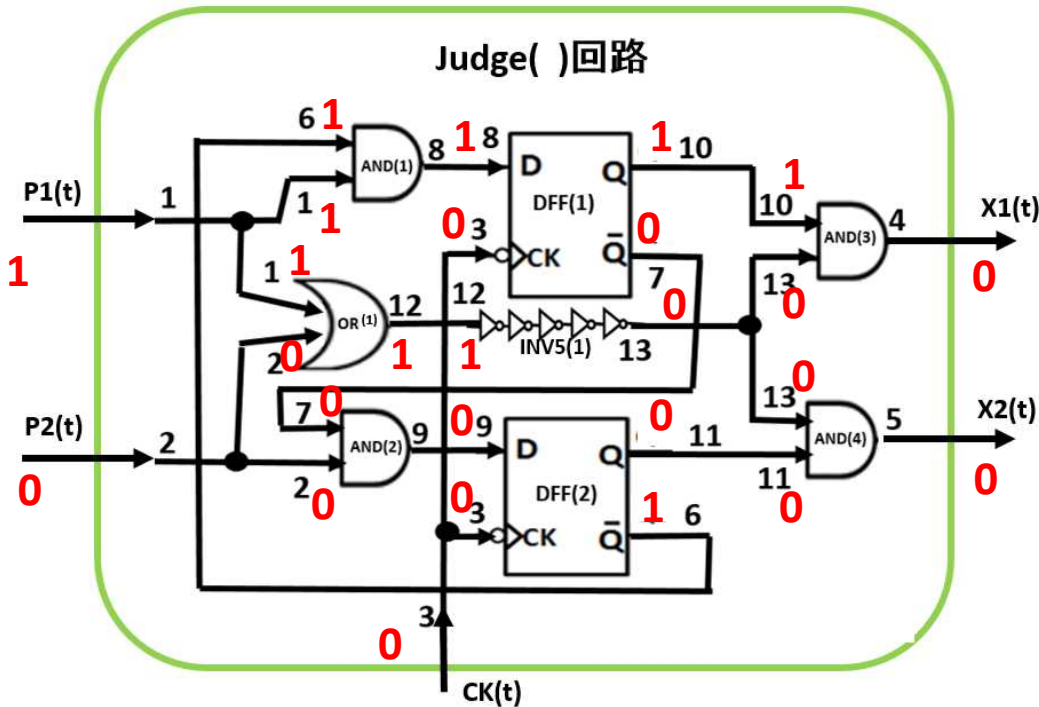
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10019.4



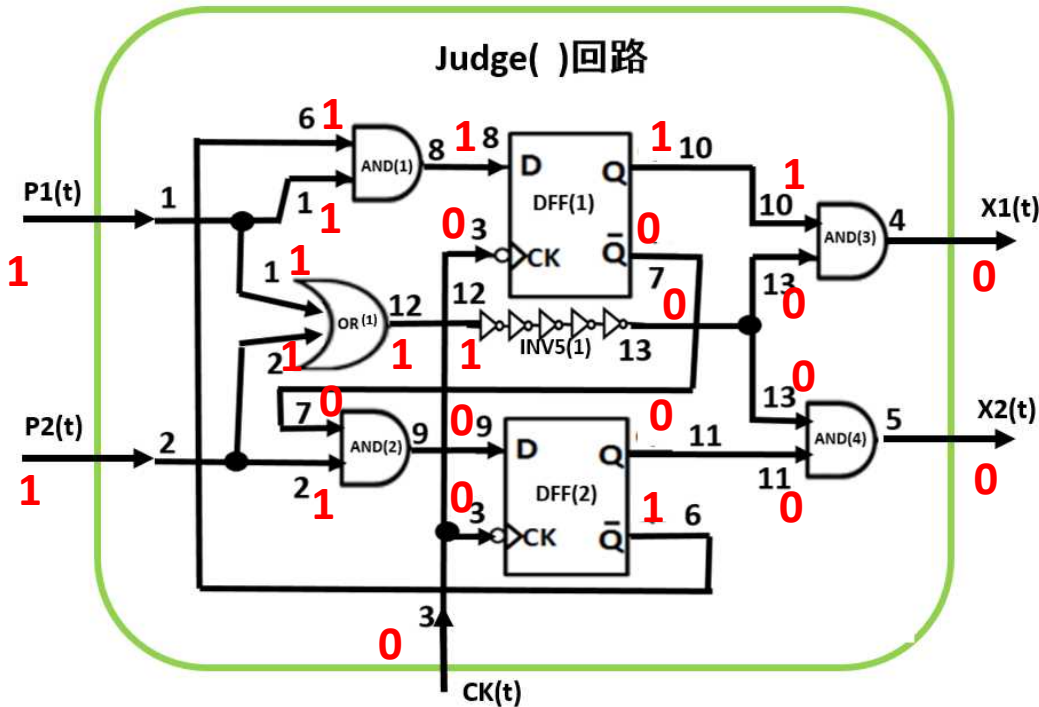
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	0	0	1	1	0	1	0	1	1
10013.0	1	1	0	0	0	0	1	1	0	1	0	1	1
10013.4	0	1	0	0	0	0	1	1	0	1	0	1	1
10015.0	1	1	0	0	0	0	1	1	0	1	0	1	1
10015.3	1	1	0	0	0	0	1	1	0	1	0	1	1
10015.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10017.0	1	1	0	0	0	0	1	1	0	1	0	1	0
10017.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10019.0	1	1	0	0	0	0	1	1	0	1	0	1	0
10019.4	0	1	0	0	0	0	1	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10020.0



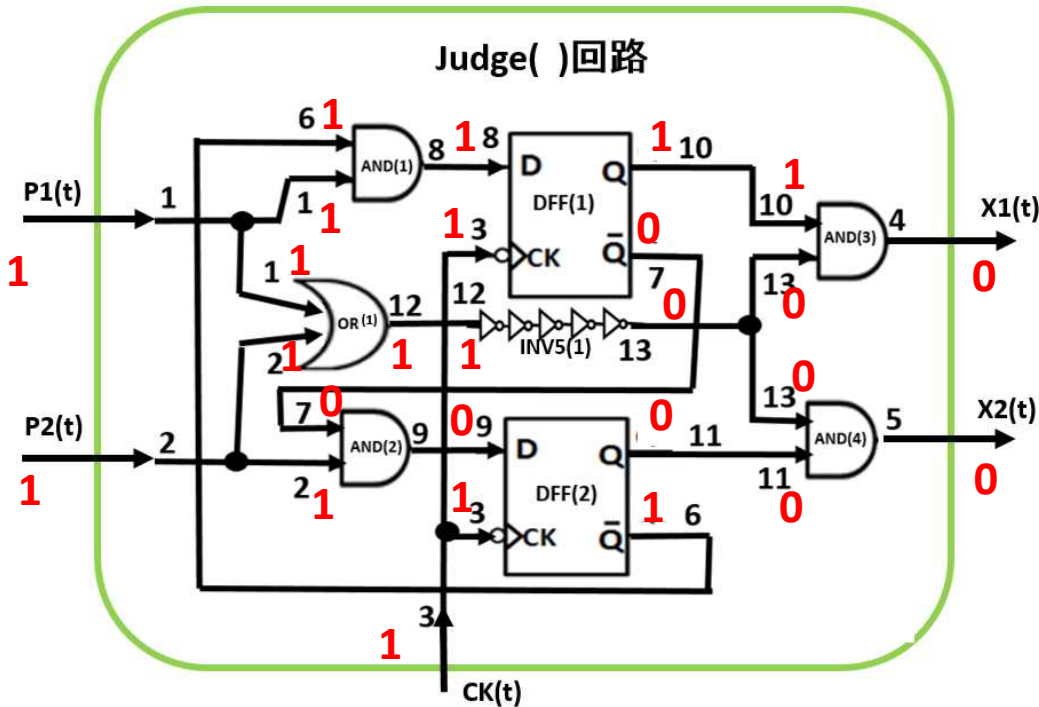
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10021.0



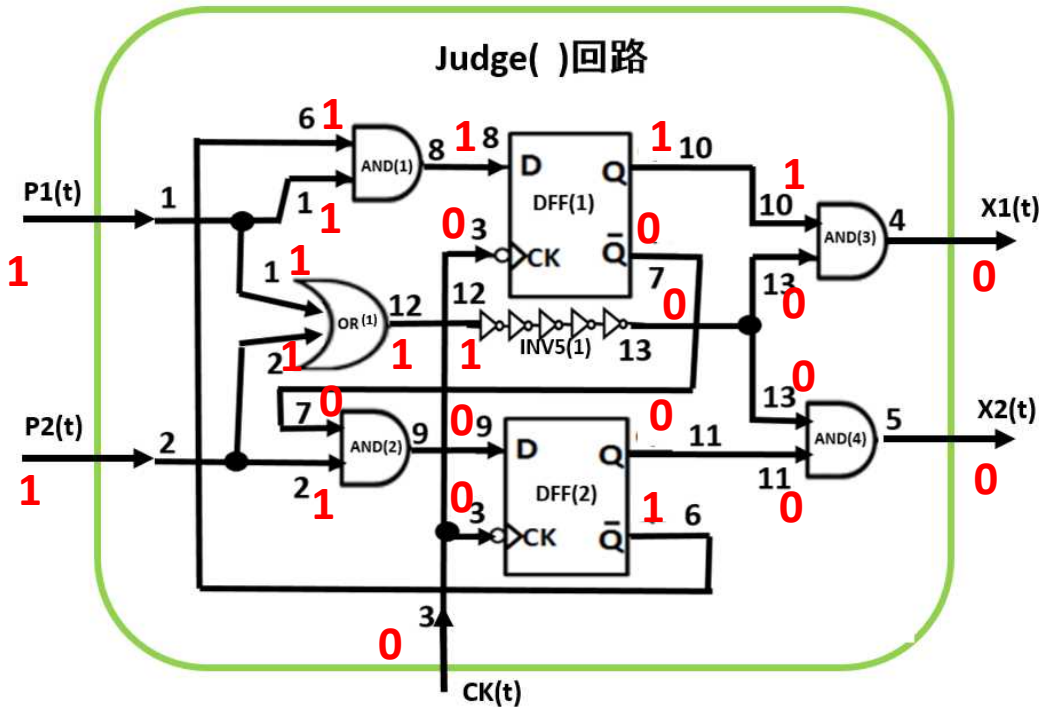
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10021.4



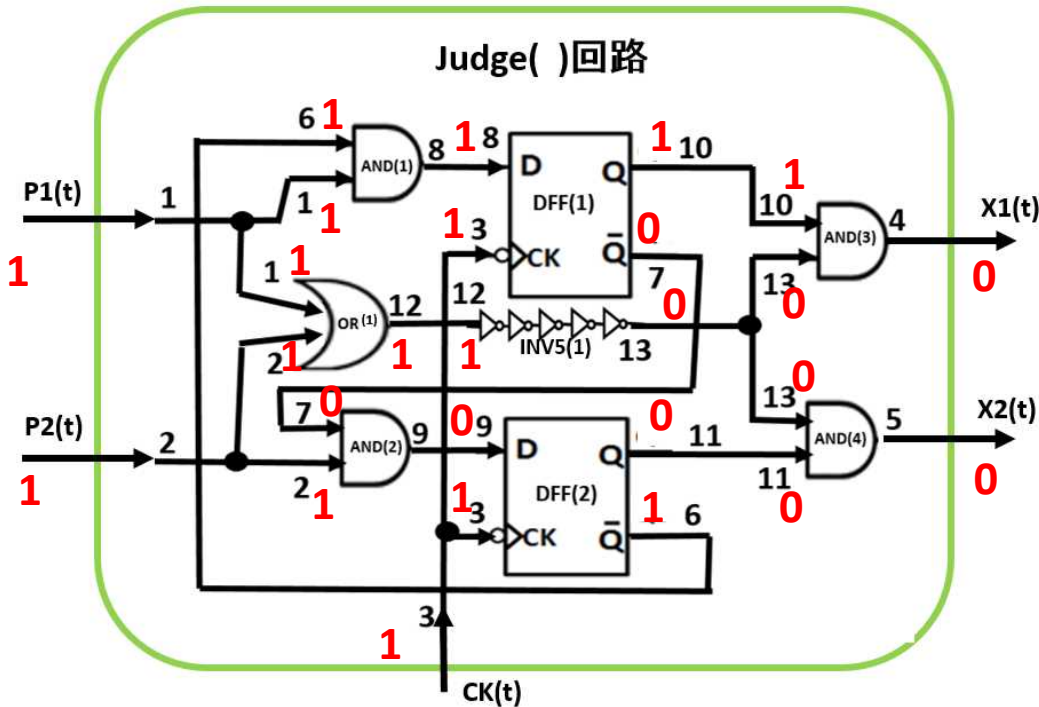
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	1
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	1
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	1
10011.8	0	1	0	0	1	1	1	0	1	0	1	0	1
10011.9	0	1	0	0	1	1	1	0	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10023.0



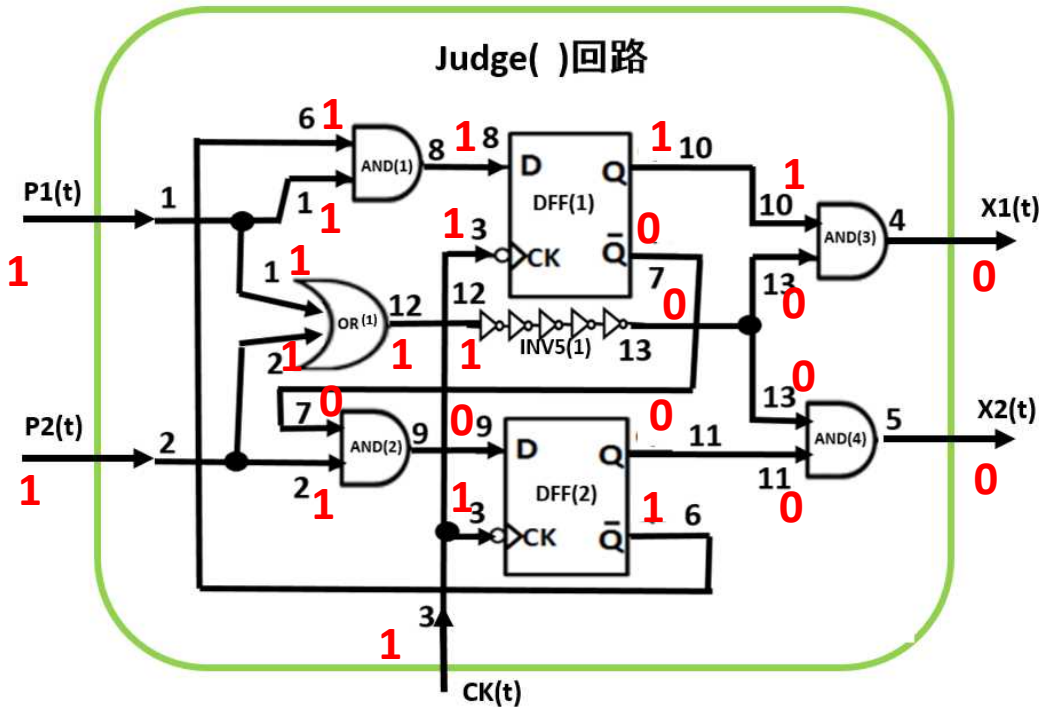
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.8	0	1	0	0	0	0	1	1	1	0	1	0	1
10011.9	0	1	0	0	0	0	1	1	1	0	1	0	1
10013.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10013.4	0	1	0	1	0	1	0	1	0	1	0	1	1
10015.0	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.3	1	1	0	1	0	1	0	1	0	1	0	1	1
10015.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10017.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10017.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10019.0	1	1	0	0	0	0	1	0	1	0	1	0	1
10019.4	0	1	0	0	0	0	1	0	1	0	1	0	1
10020.0	0	1	1	0	0	0	1	0	1	0	1	0	1
10021.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10021.4	0	1	1	0	0	0	1	0	1	0	1	0	1
10023.0	1	1	1	0	0	0	1	0	1	0	1	0	1
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10029.0



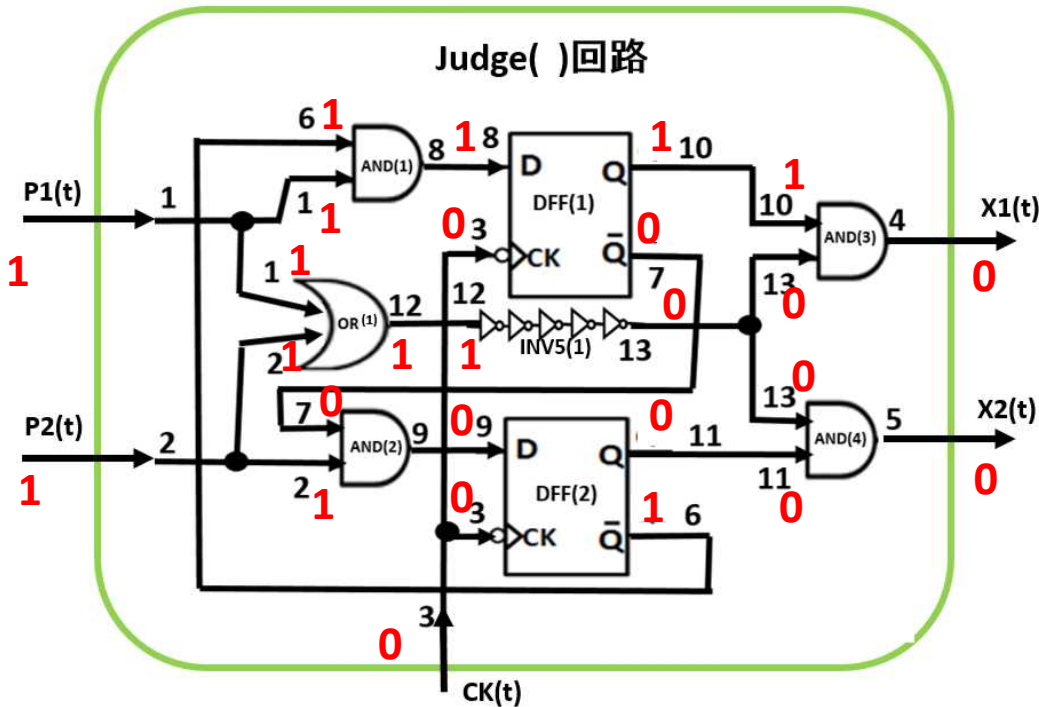
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	0	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10029.4



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

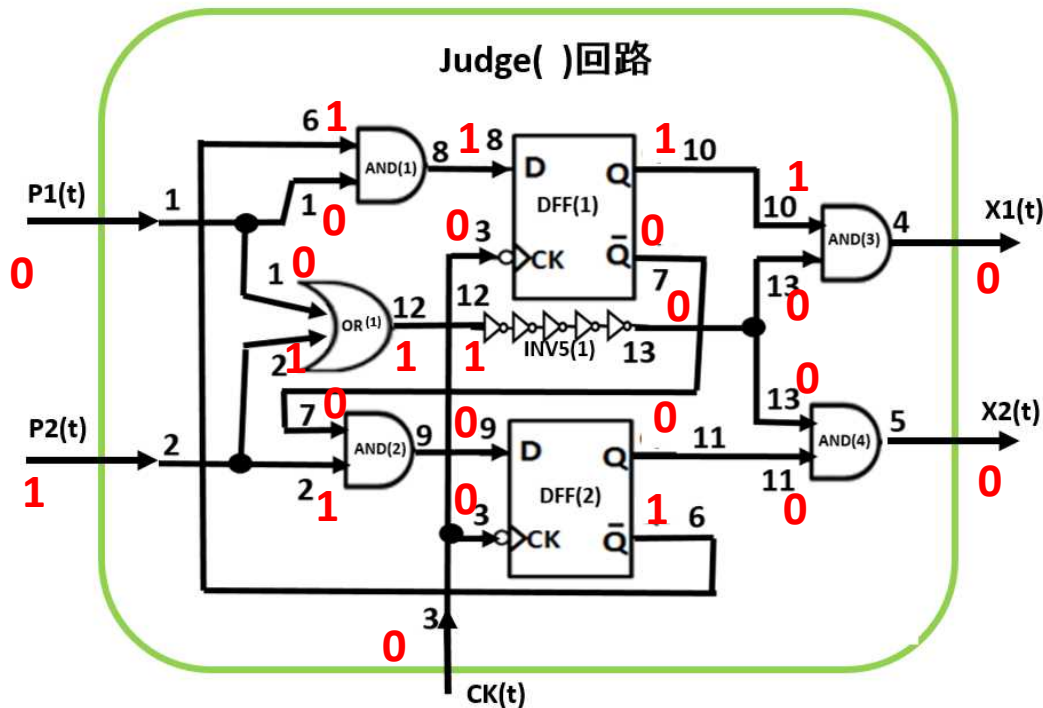
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

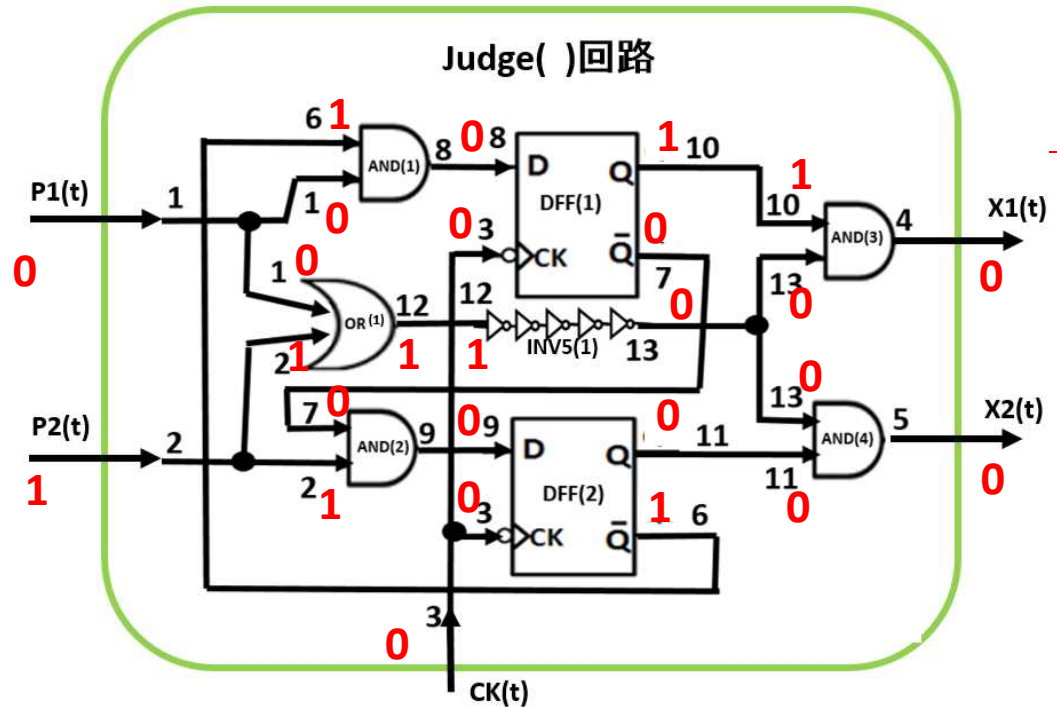
t = 10030.0



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	1	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10030.1



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

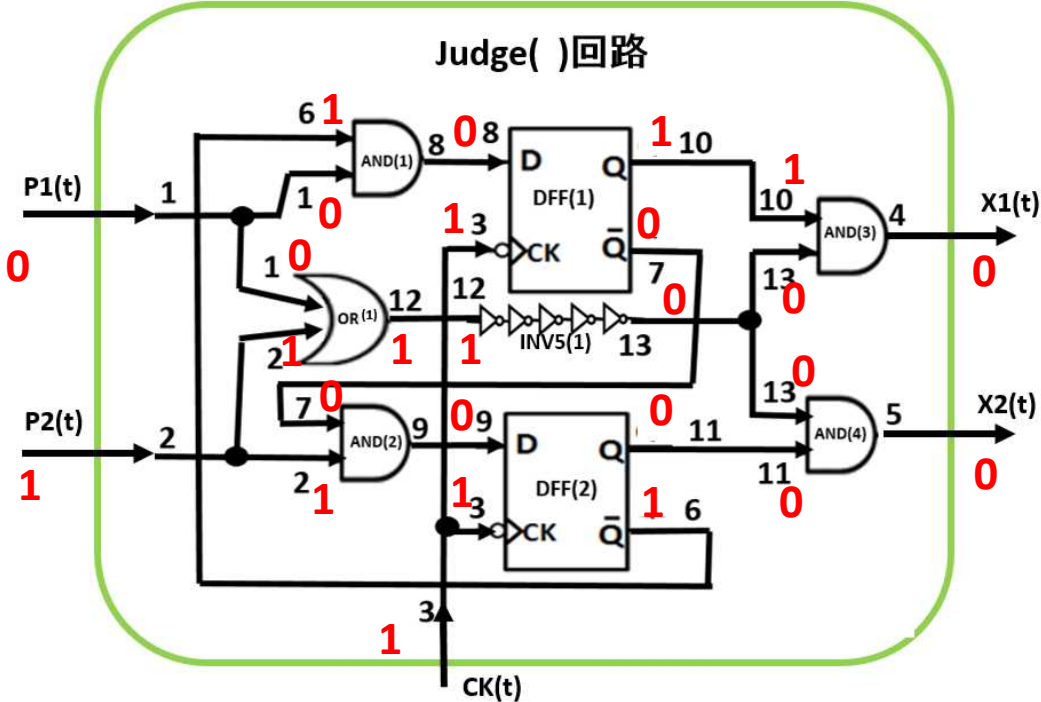
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t = 10031.0



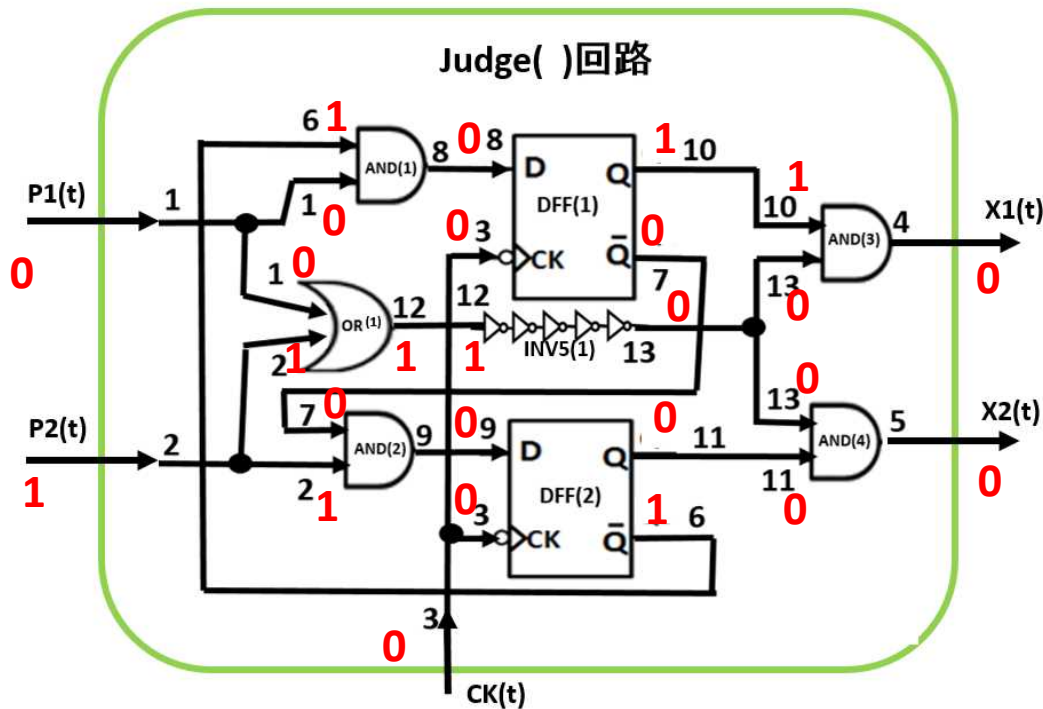
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t = 10031.4



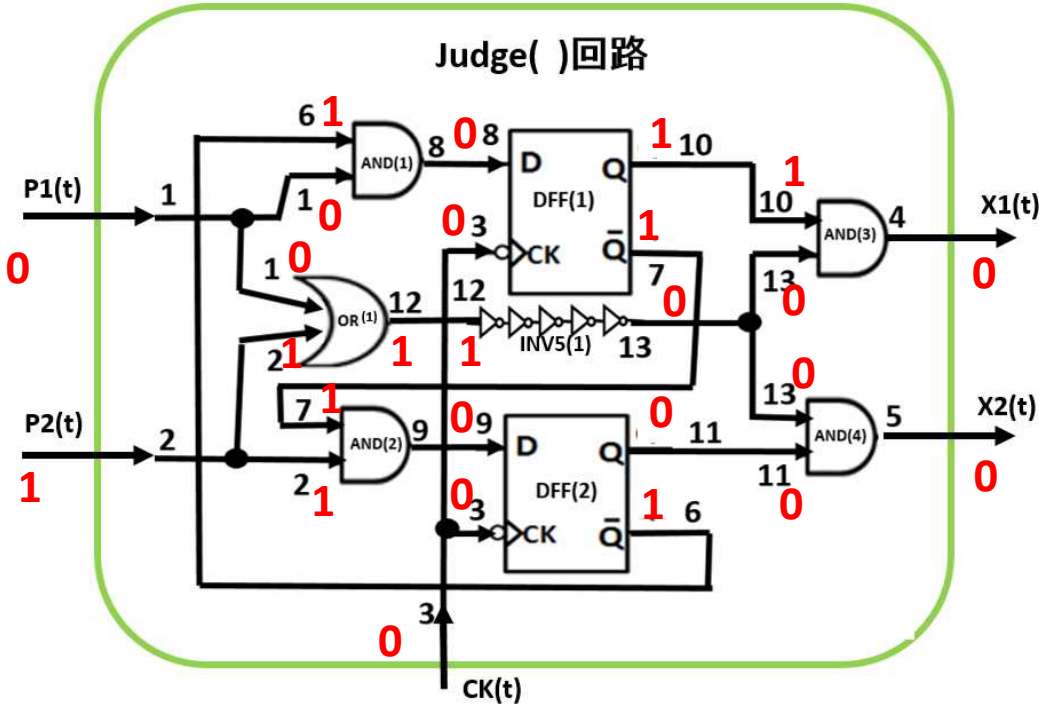
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t = 10031.7



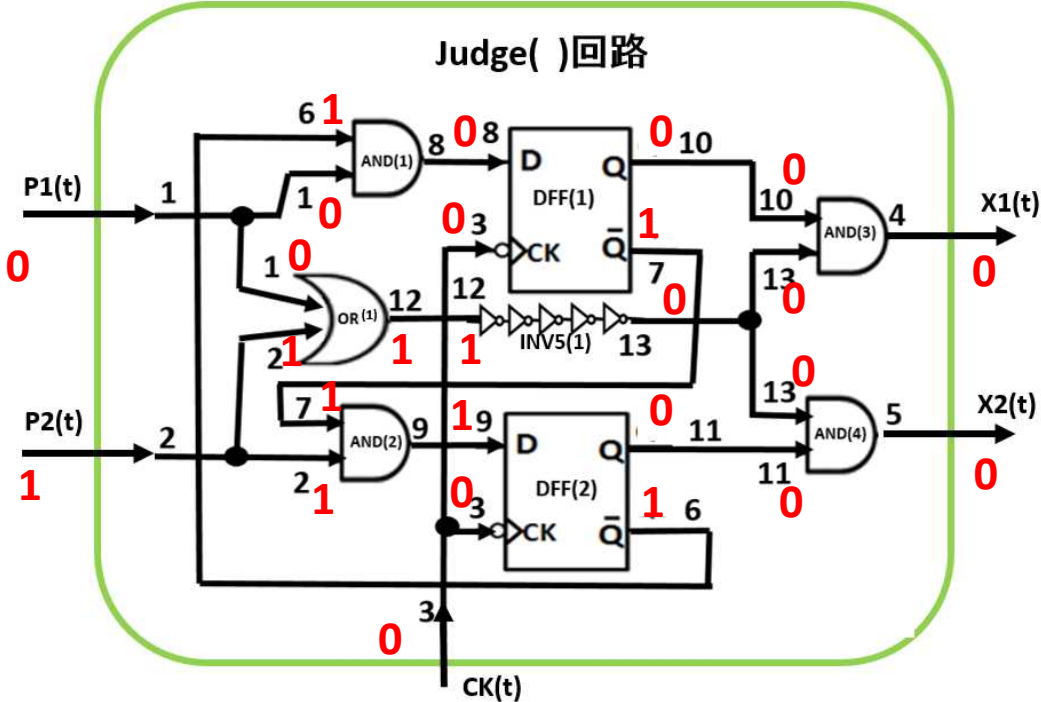
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

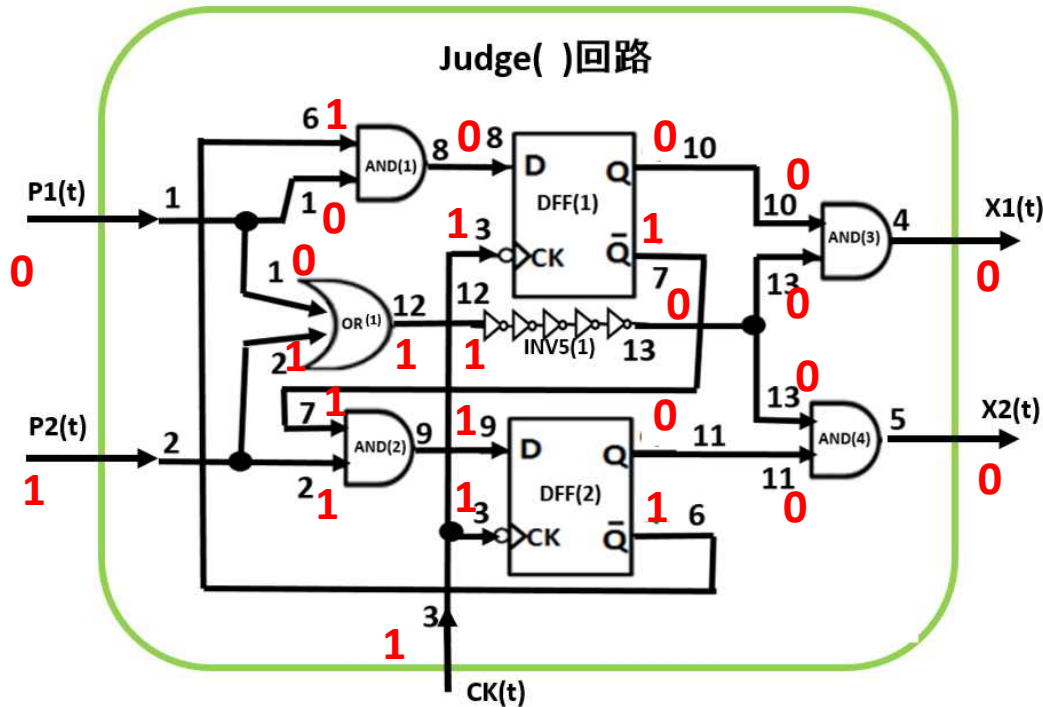
t = 10031.9



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10033.0



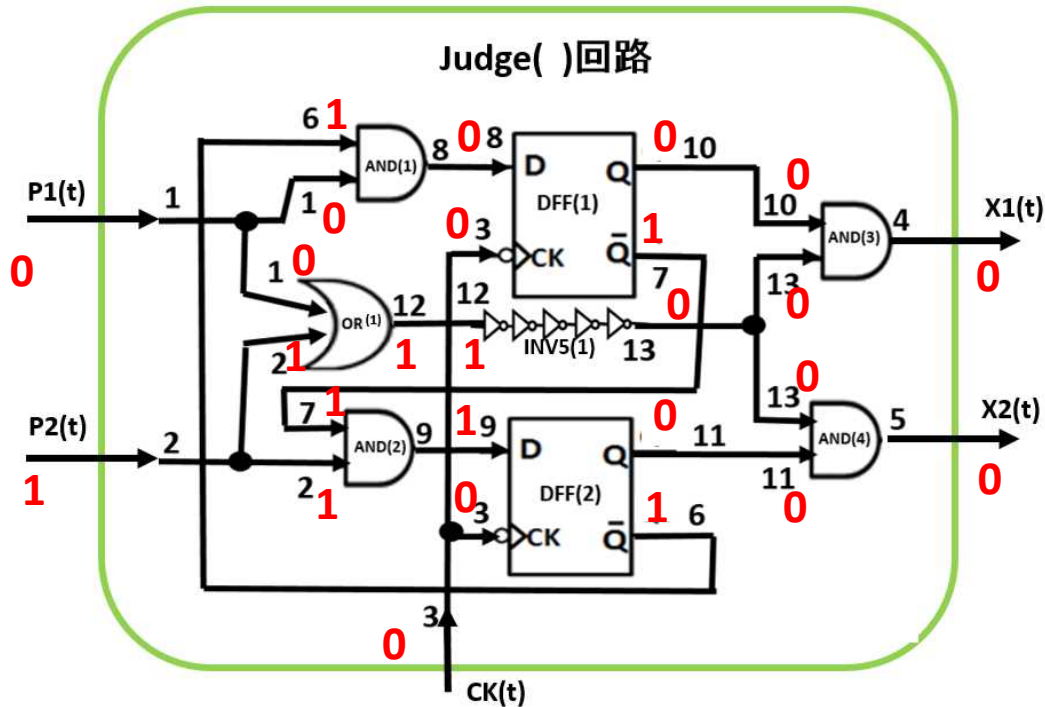
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	1	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10033.4



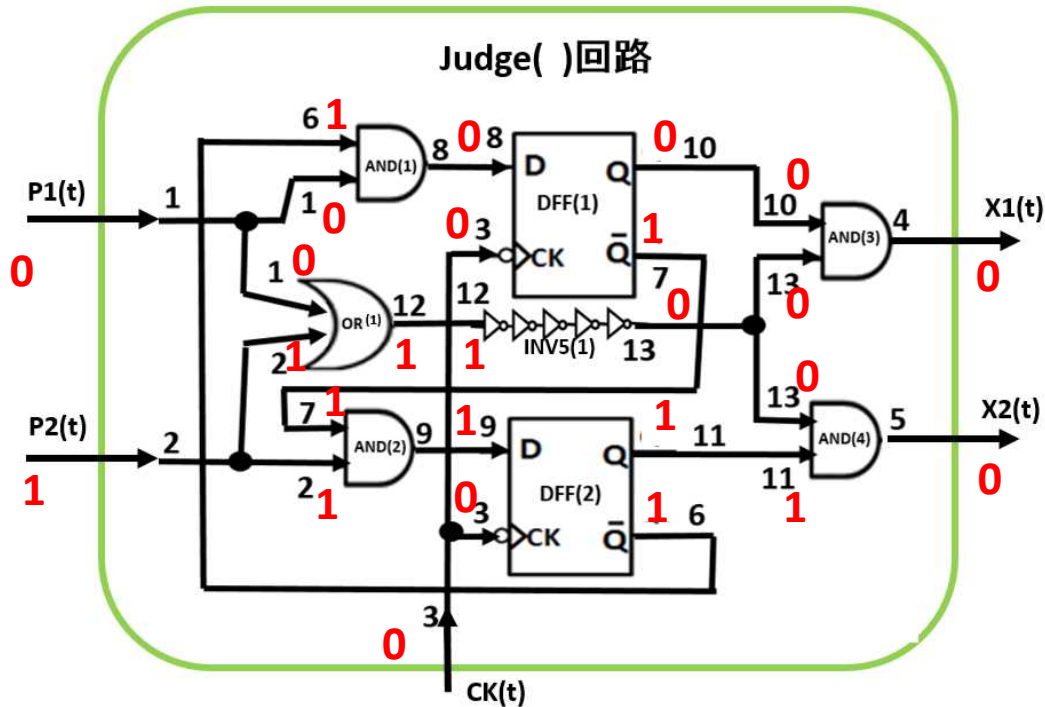
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10033.7



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

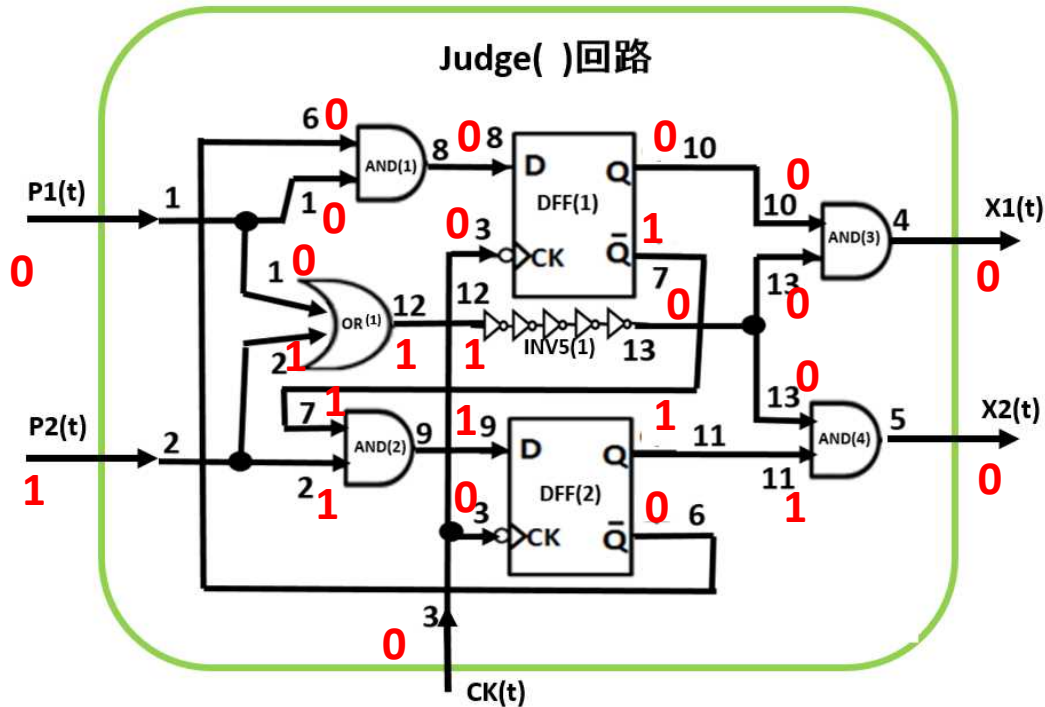
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	0	1	1	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

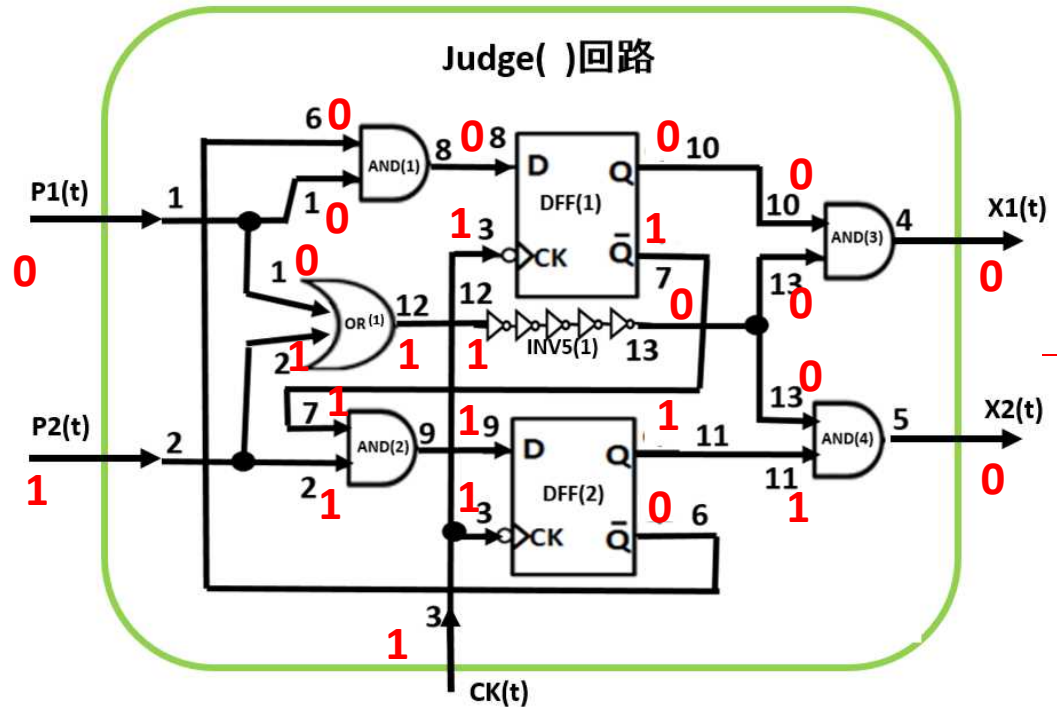
t = 10033.9



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	0	1	1	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10035.0



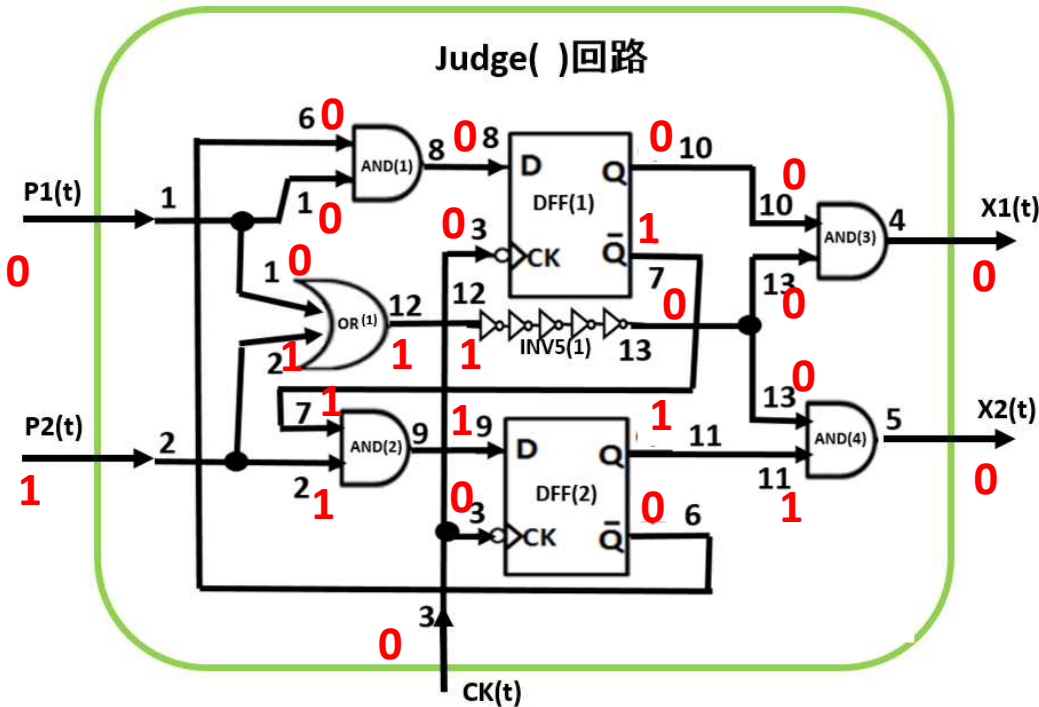
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	0	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	1	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10035.4



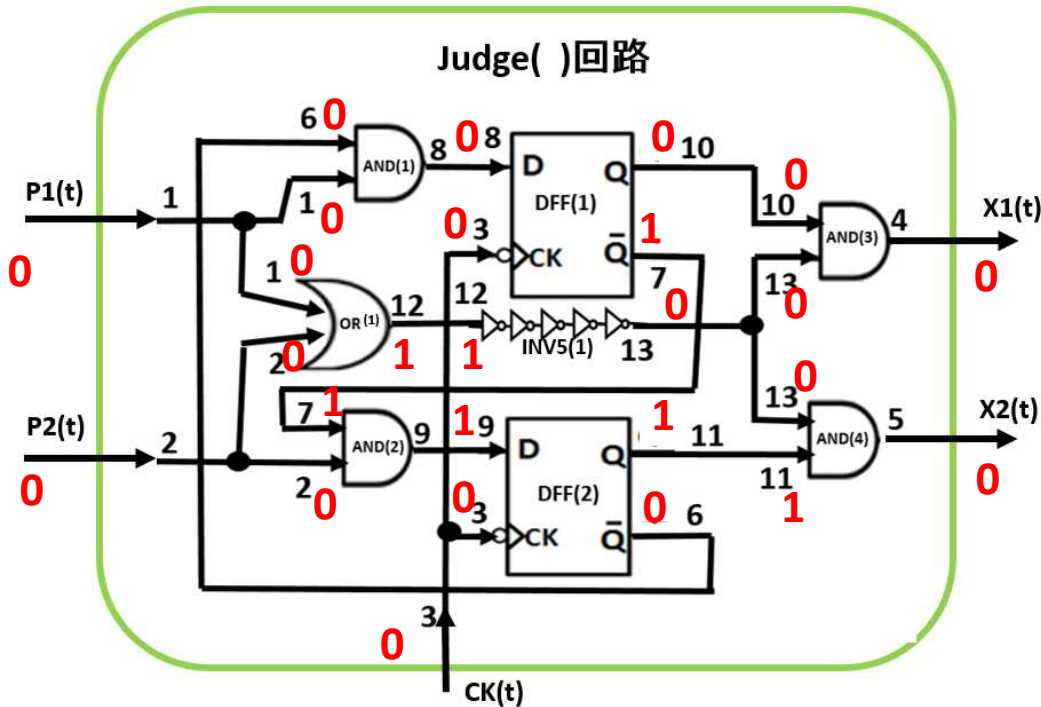
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	0	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10036.0



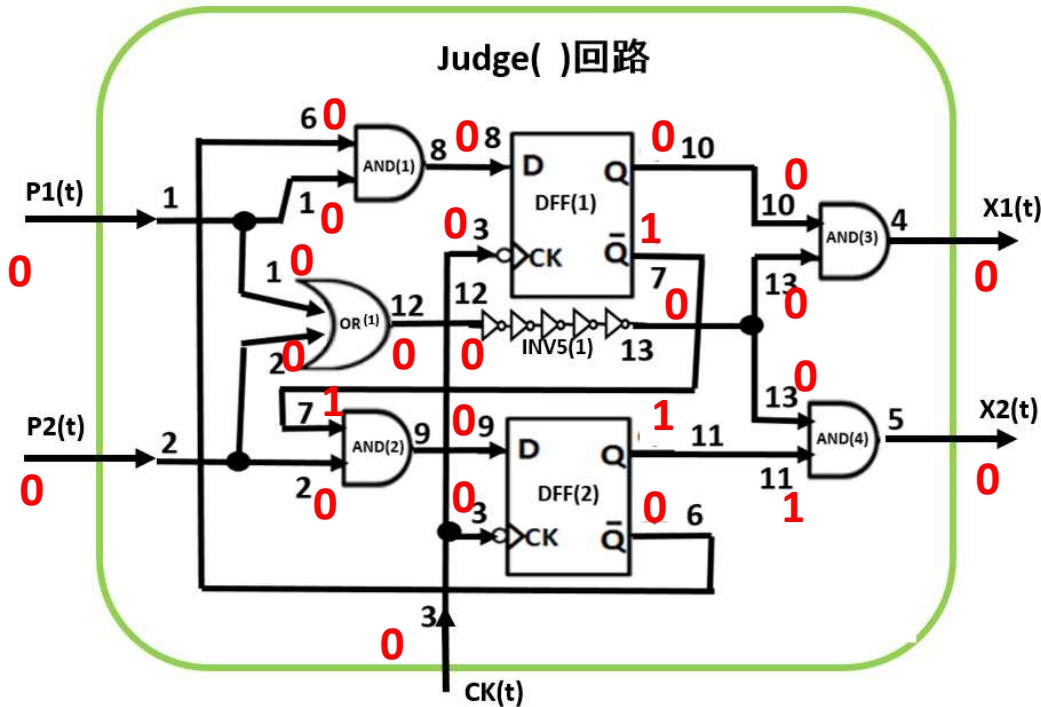
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10036.1



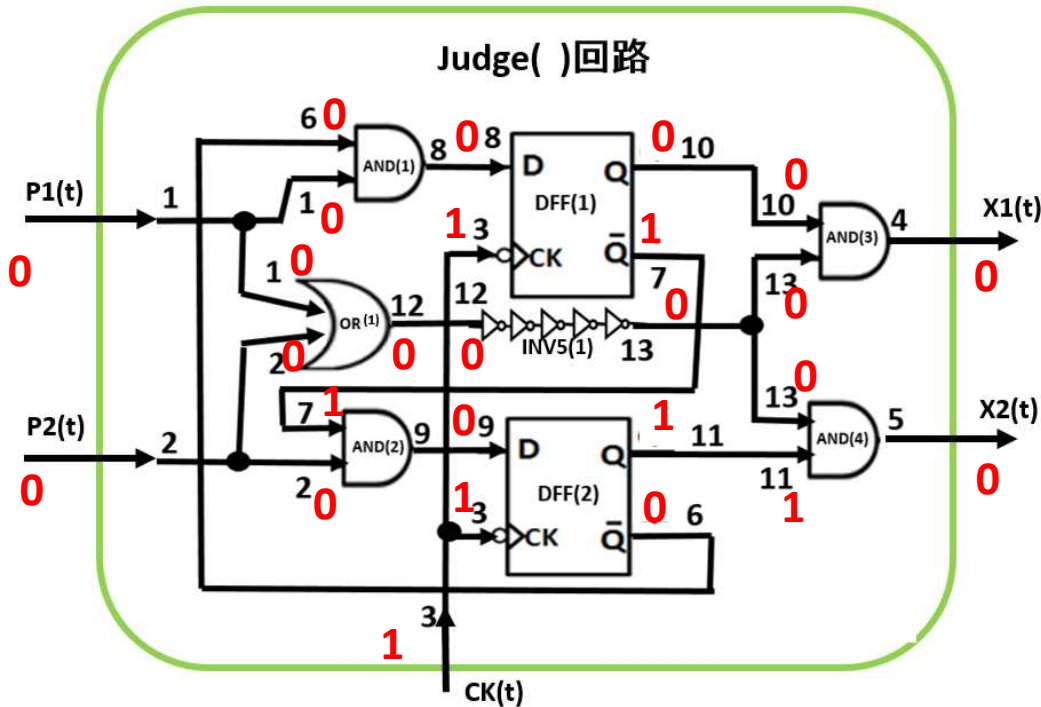
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	1	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	1	0	1	0	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10037.0



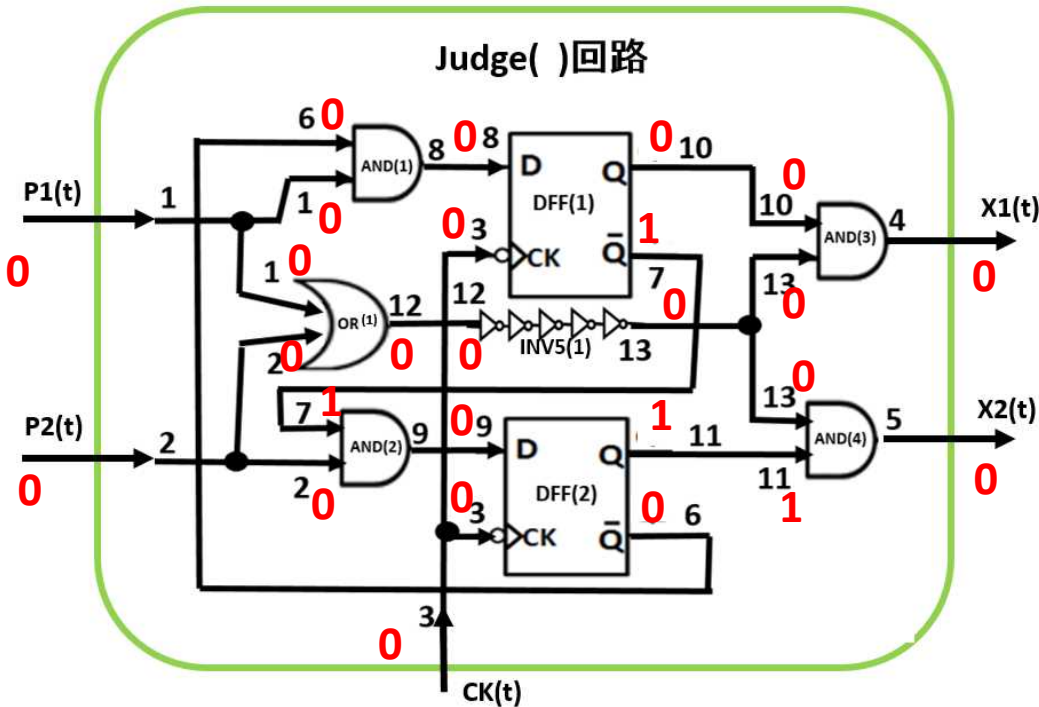
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10037.4



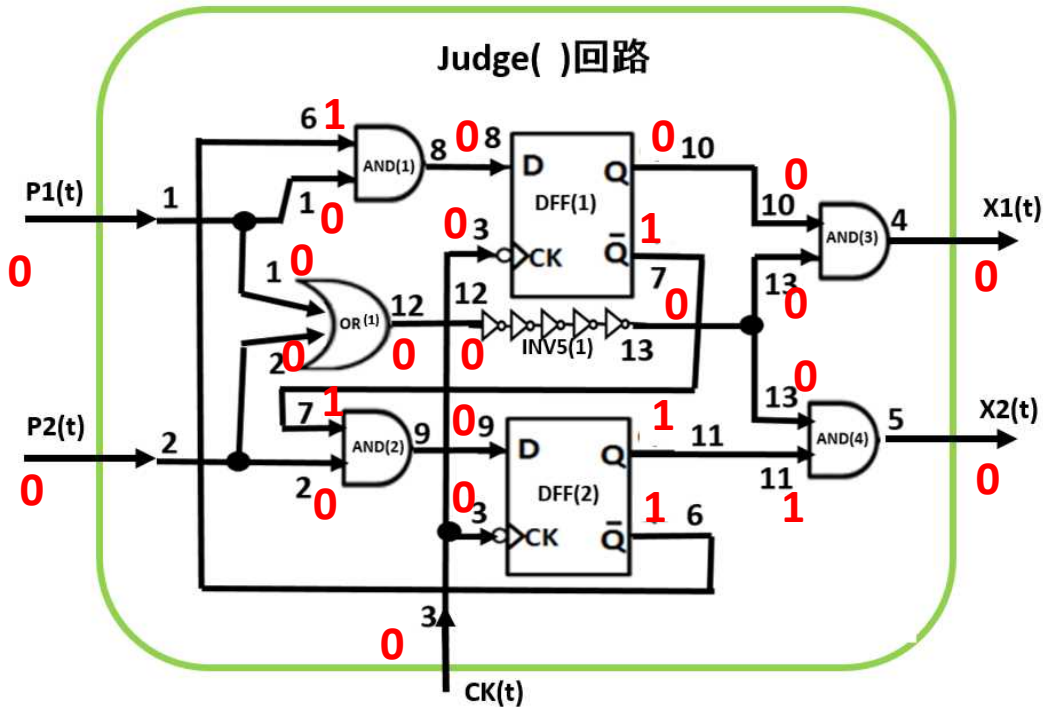
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10037.7



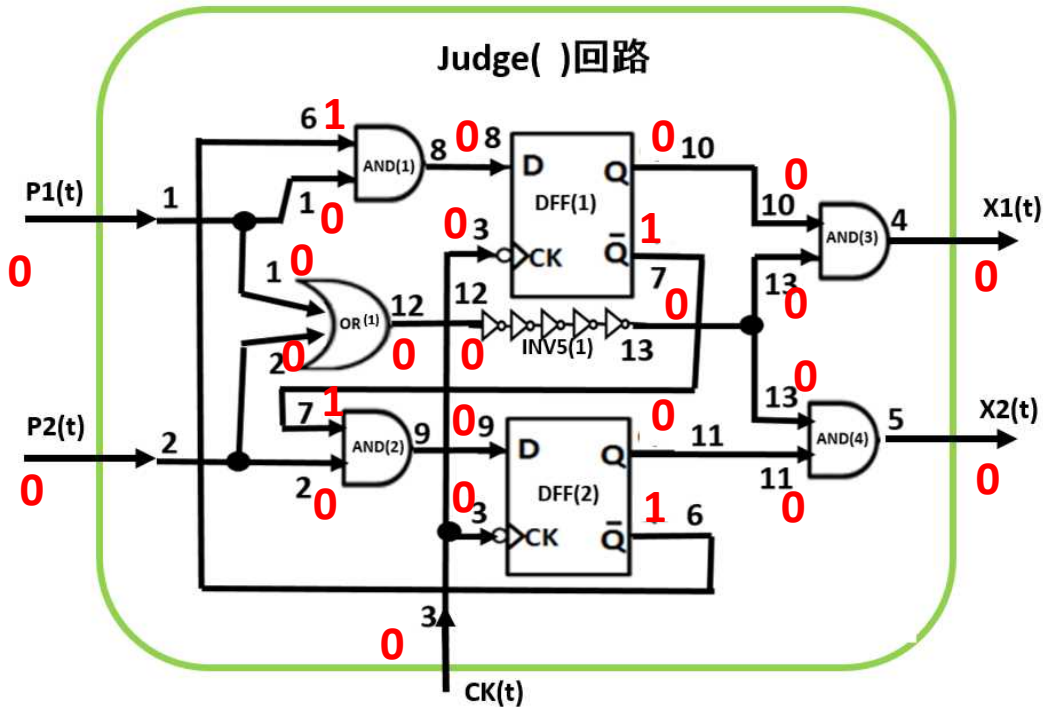
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10037.9



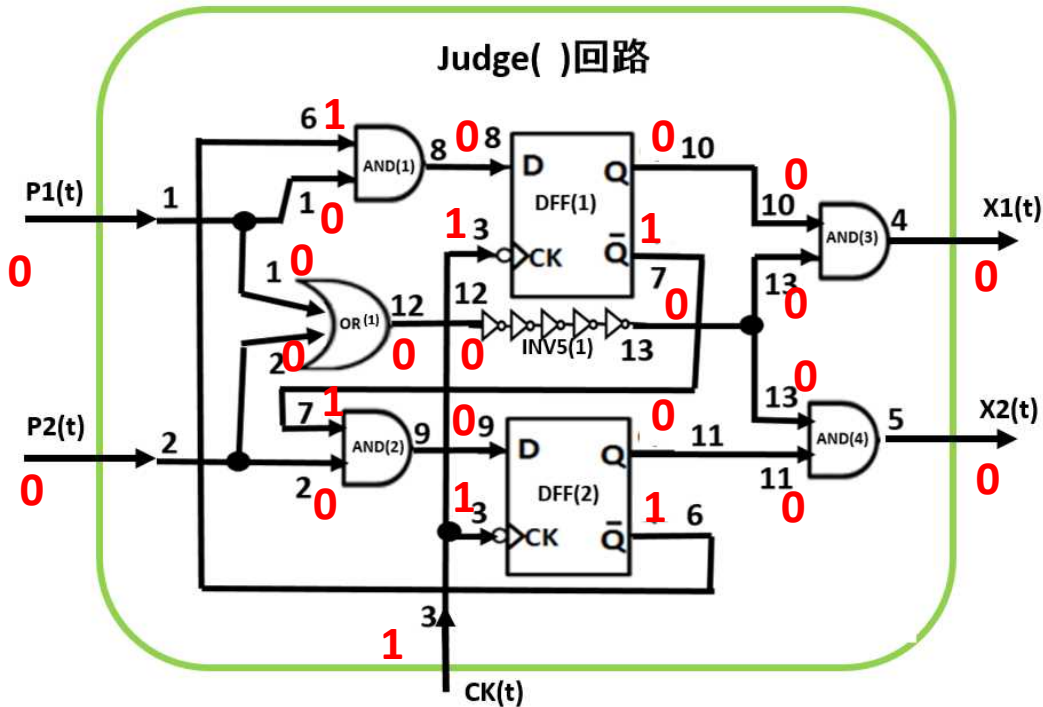
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10039.0



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

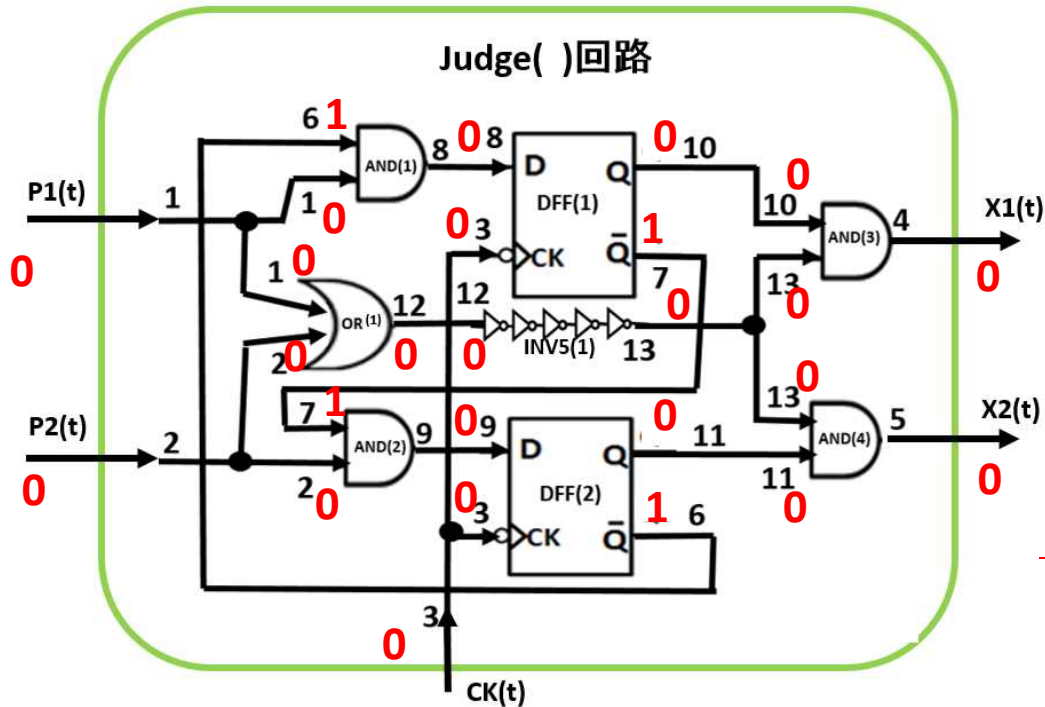
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t = 10039.4



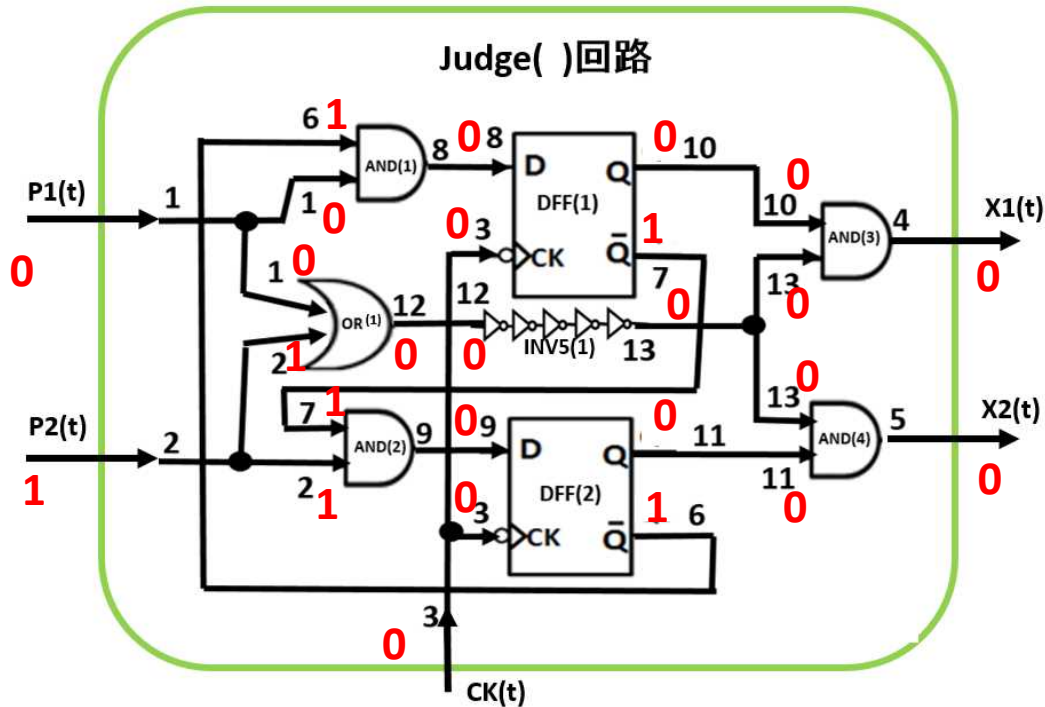
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

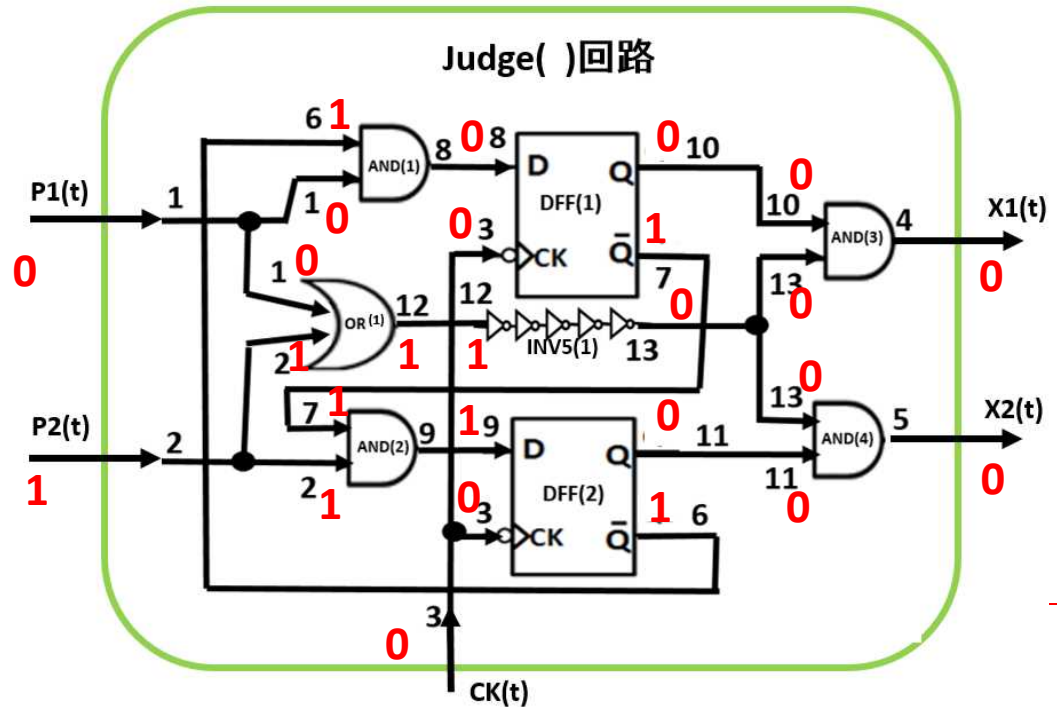
t = 10040.0



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10040.1



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

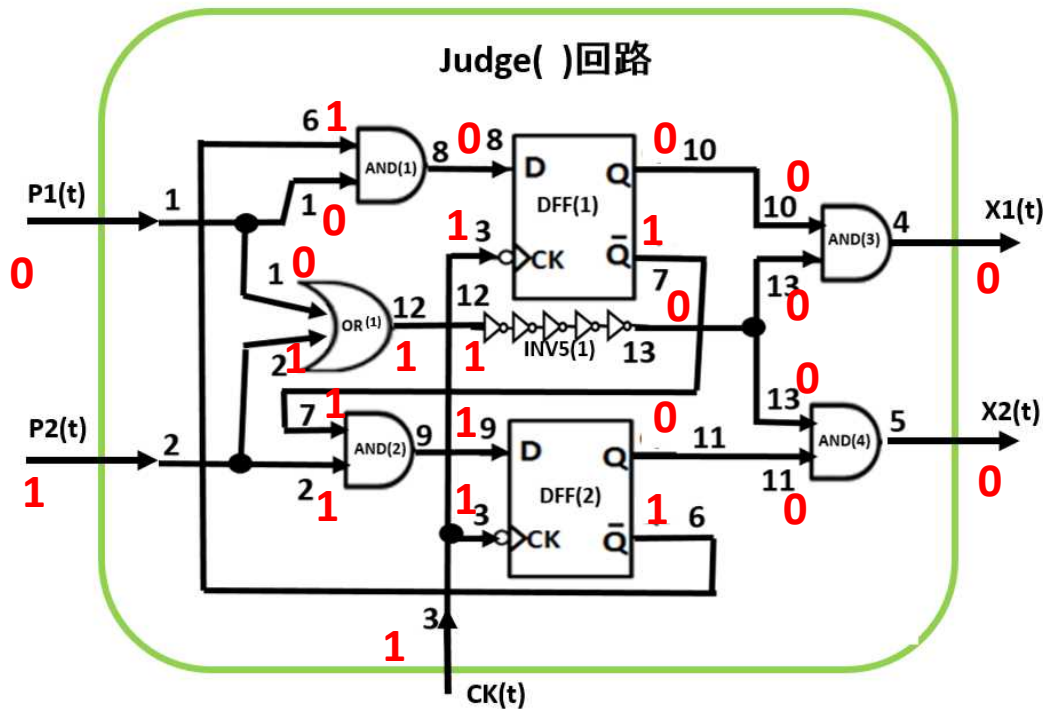
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	0	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

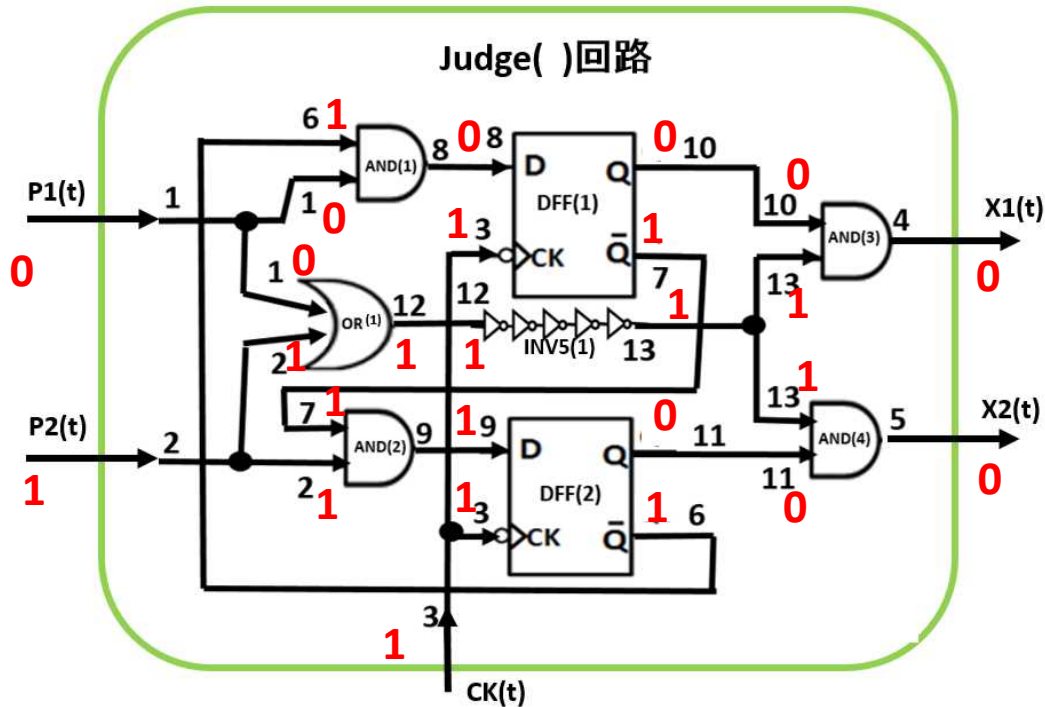
t = 10041.0



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	0	1	0	1	1	1	0
10047.0	1	0	1	0	0	0	0	1	0	1	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10041.3



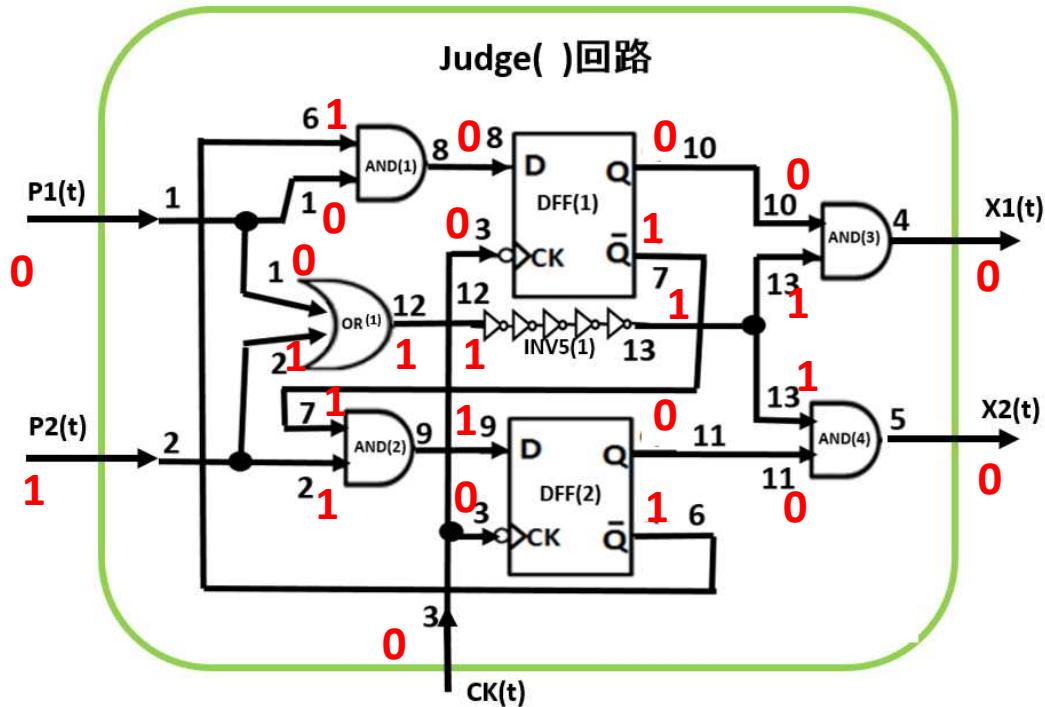
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	1	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10041.4



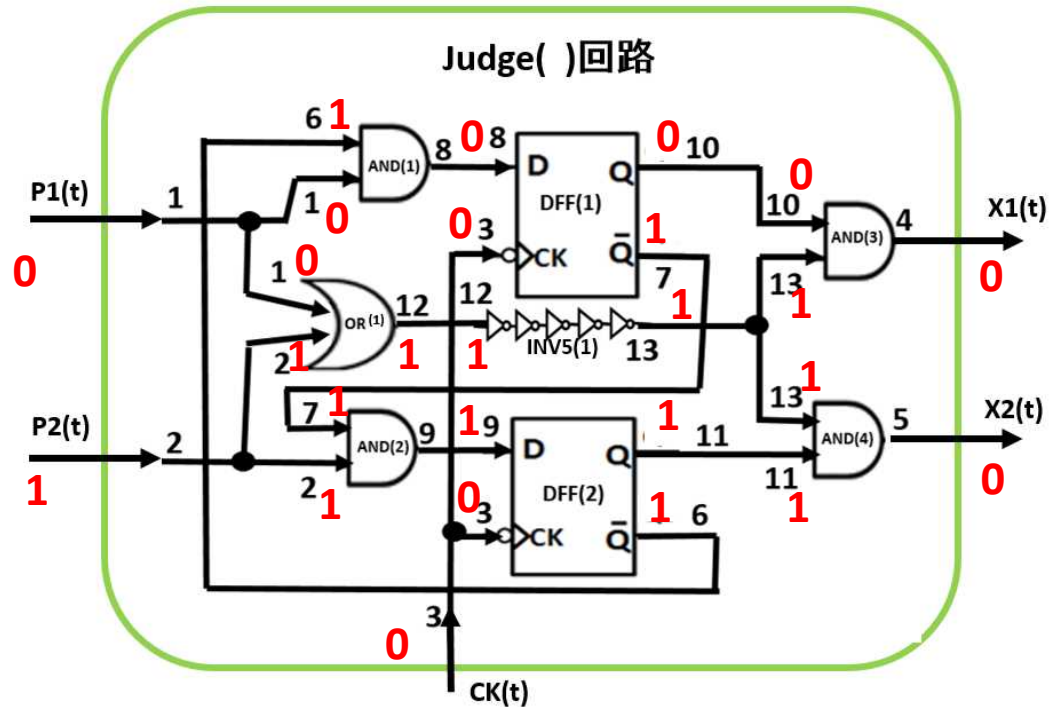
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10041.7



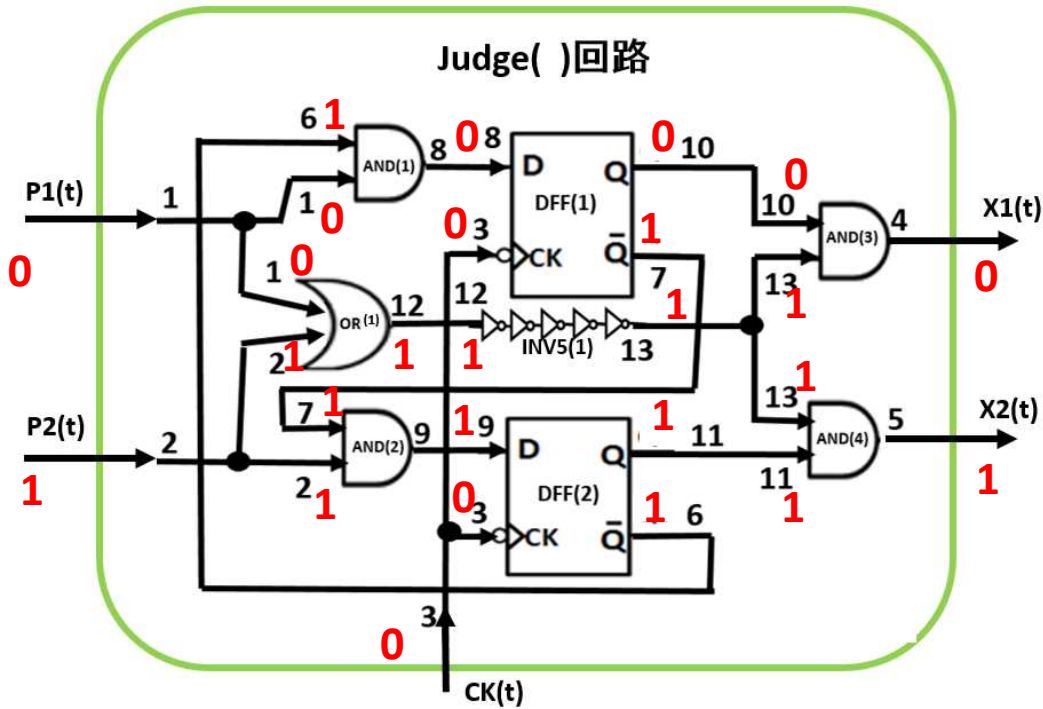
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	1	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	1	0	1	0	1	0	1	1	1
10043.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10043.4	0	0	1	0	1	0	1	0	1	0	1	1	1
10045.0	1	0	1	0	1	0	1	0	1	0	1	1	1
10045.3	1	0	1	0	1	0	1	0	1	0	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10041.8



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

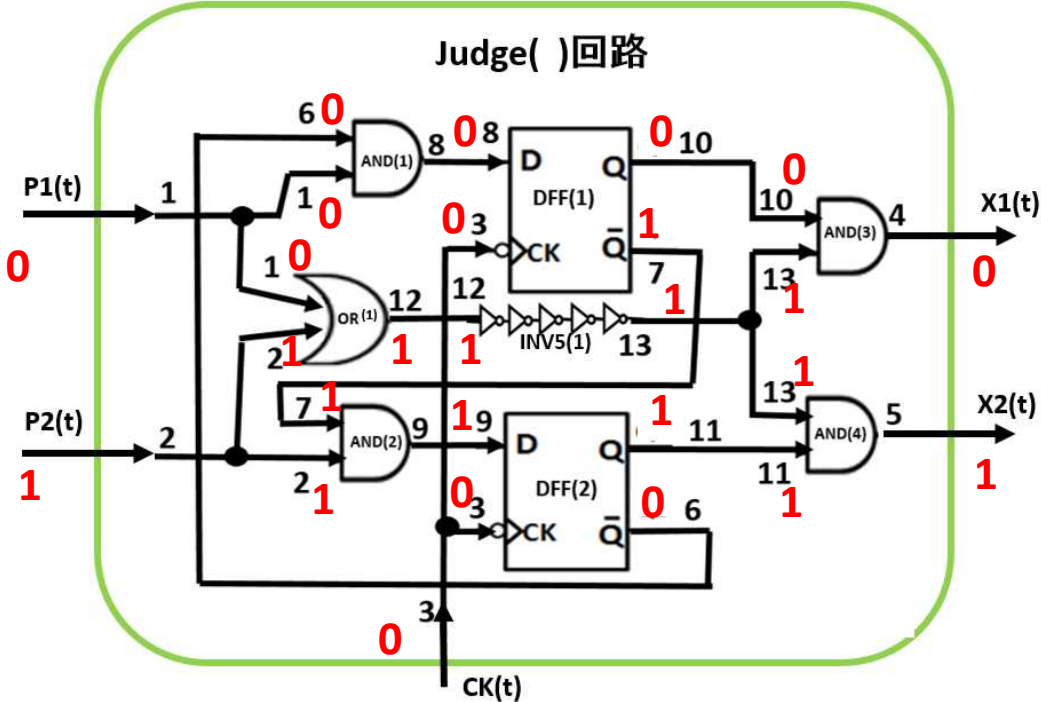
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

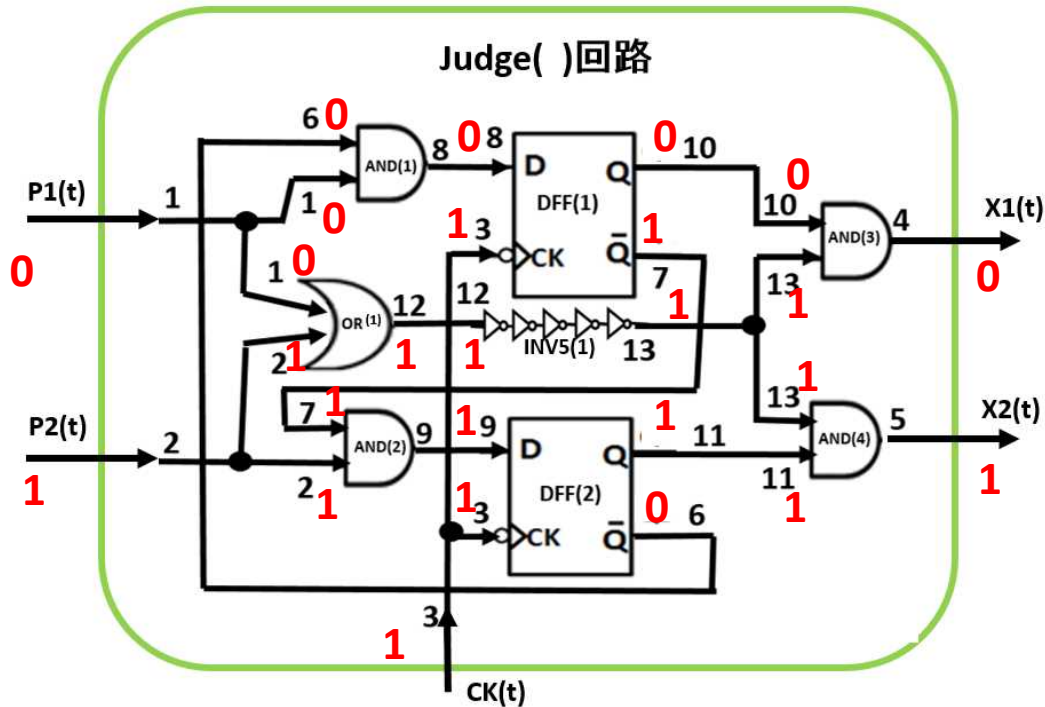
t = 10041.9



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	1	0	1	0	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10043.0



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

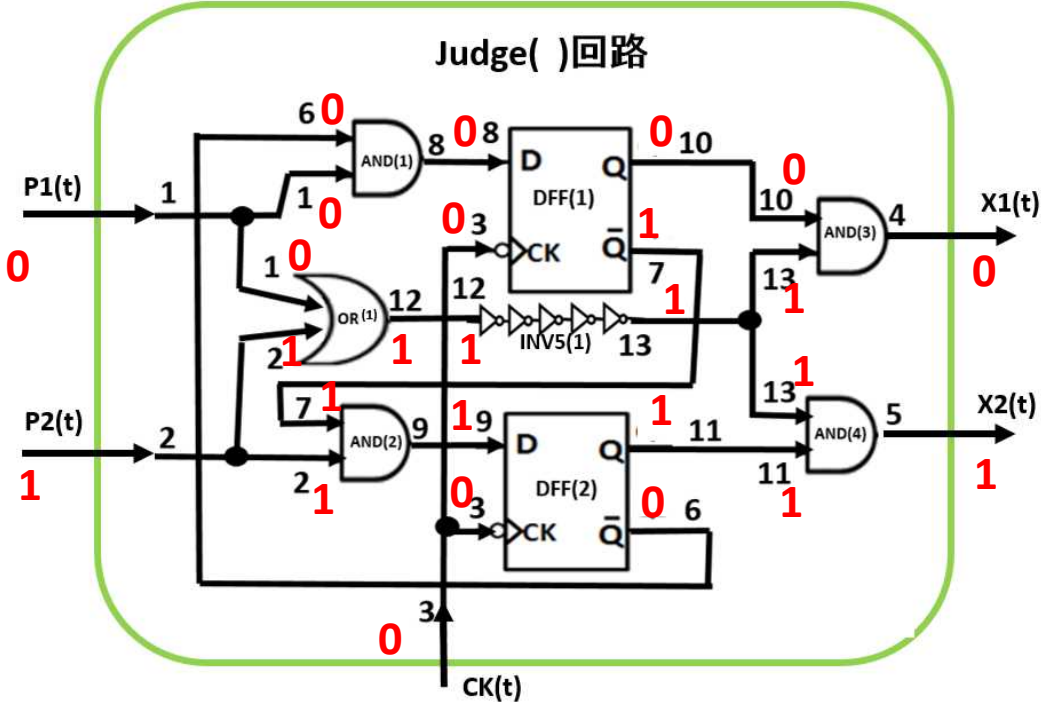
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

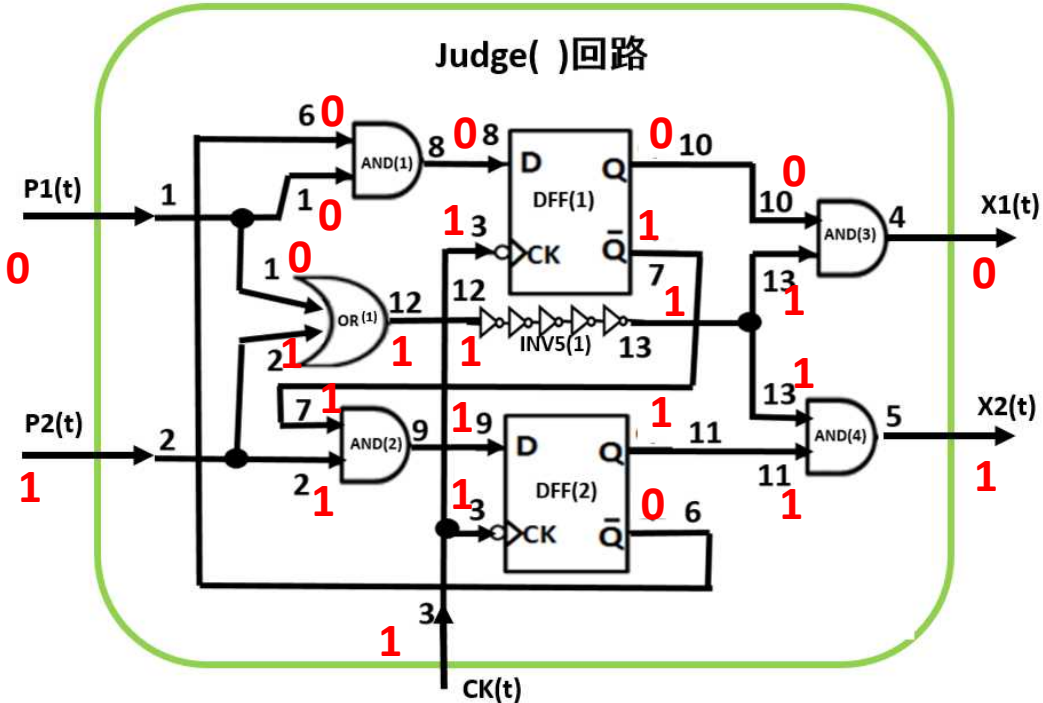
t = 10043.4



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10045.0



*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

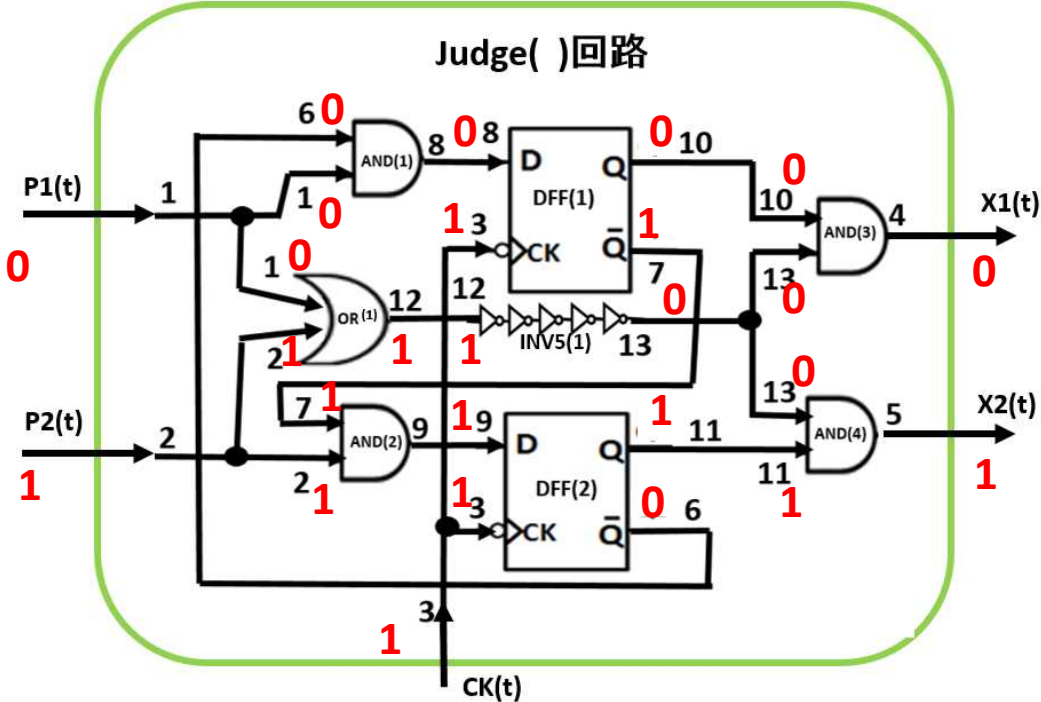
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	1	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	1	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	1	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	1	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

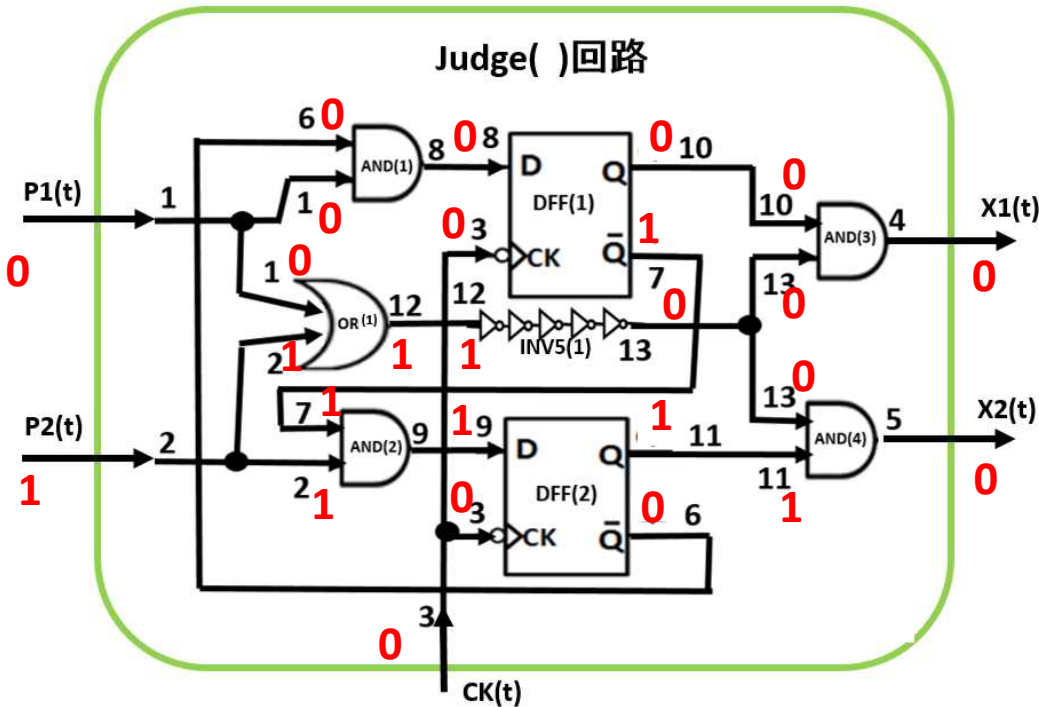
t = 10045.3



t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	0	1	0	1	0	1	0
10047.0	1	0	1	0	0	0	0	1	0	1	0	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10045.4



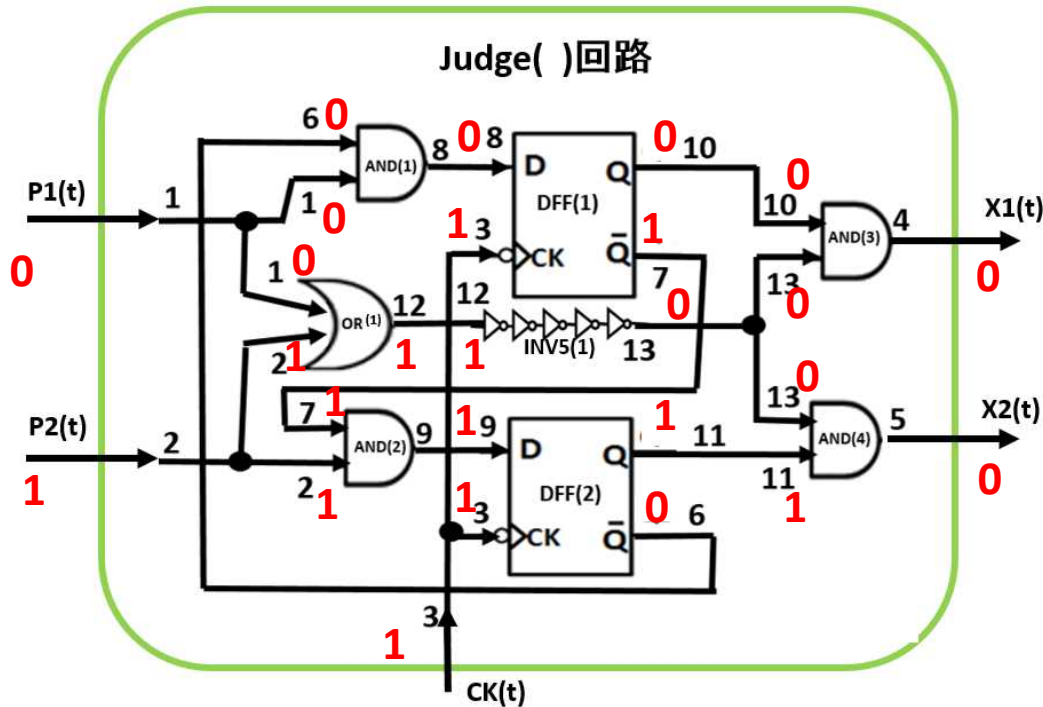
*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	1	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = Ninv= 51

t = 10047.0

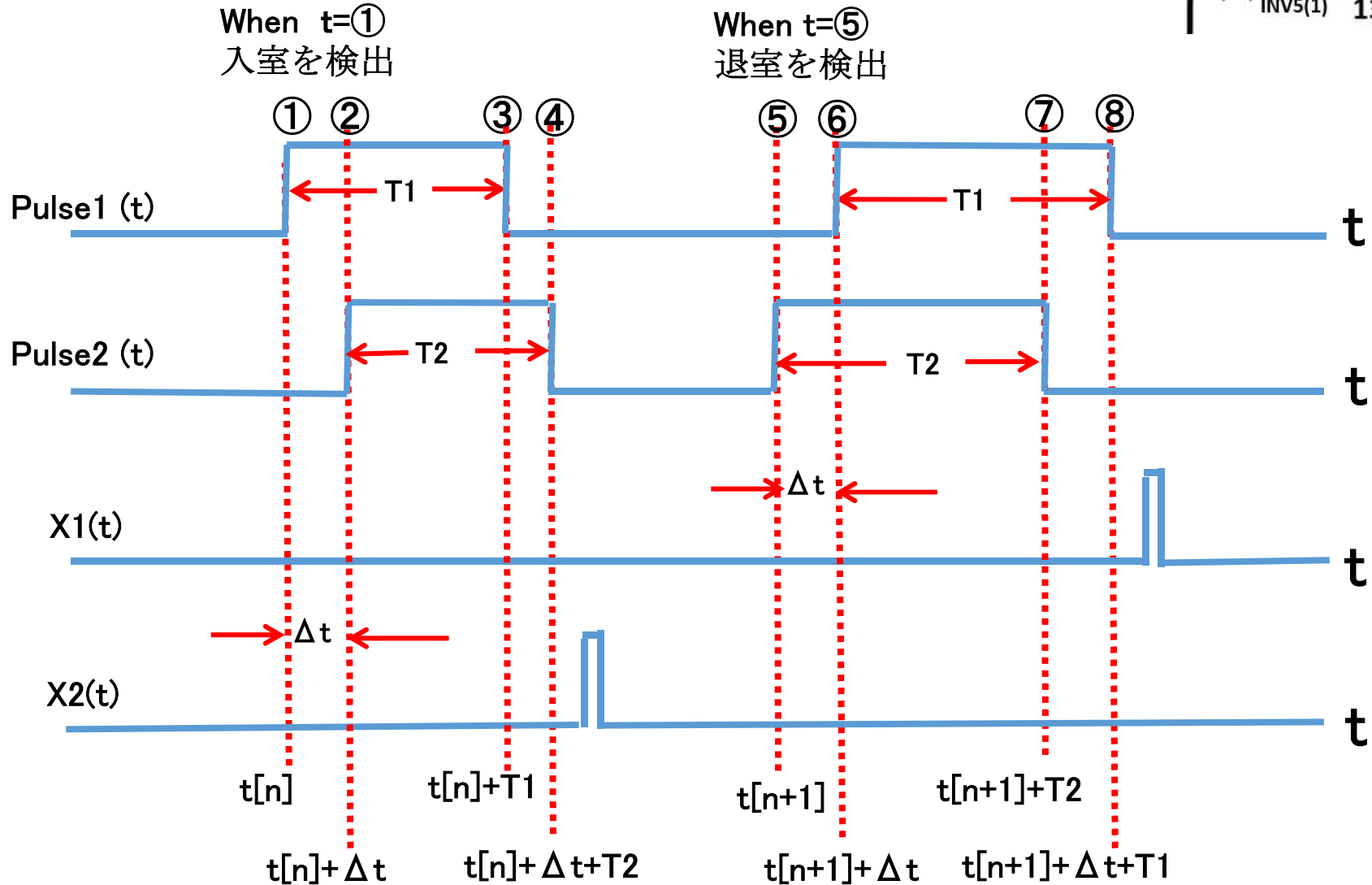
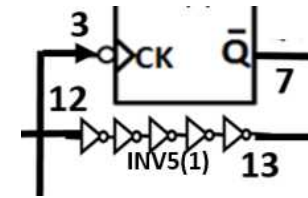


*** the number of inverters in INV5() = Ninv = 51 ***

***** Clock Pulse Width dt = 0.3 *****

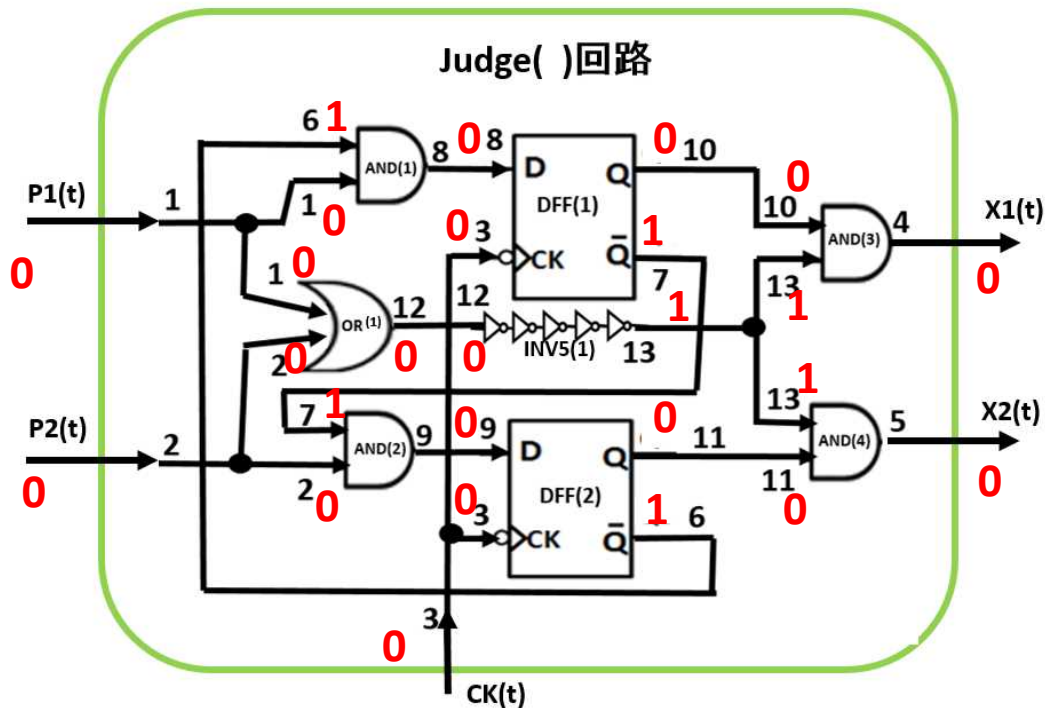
t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	1	0	1	0	1	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.0	1	0	0	0	0	0	1	0	0	0	1	0	0
10037.4	0	0	0	0	0	0	1	0	0	0	1	0	0
10037.7	0	0	0	0	0	1	1	0	0	0	1	0	0
10037.9	0	0	0	0	0	1	1	0	0	0	0	0	0
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	0
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	0
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	0
10040.1	0	0	1	0	0	1	1	0	1	0	0	1	0
10041.0	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.3	1	0	1	0	0	1	1	0	1	0	0	1	1
10041.4	0	0	1	0	0	1	1	0	1	0	0	1	1
10041.7	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.8	0	0	1	0	0	1	1	0	1	0	1	1	1
10041.9	0	0	1	0	0	1	0	1	0	1	0	1	1
10043.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10043.4	0	0	1	0	0	1	0	1	0	1	0	1	1
10045.0	1	0	1	0	0	1	0	1	0	1	0	1	1
10045.3	1	0	1	0	0	1	0	1	0	1	0	1	0
10045.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10047.0	1	0	1	0	0	0	1	0	1	0	1	1	0

When the number of inverters in INV5() = $N_{inv} = 5$



When the number of inverters in INV5() = $N_{inv} = 5$

t = 10000.0

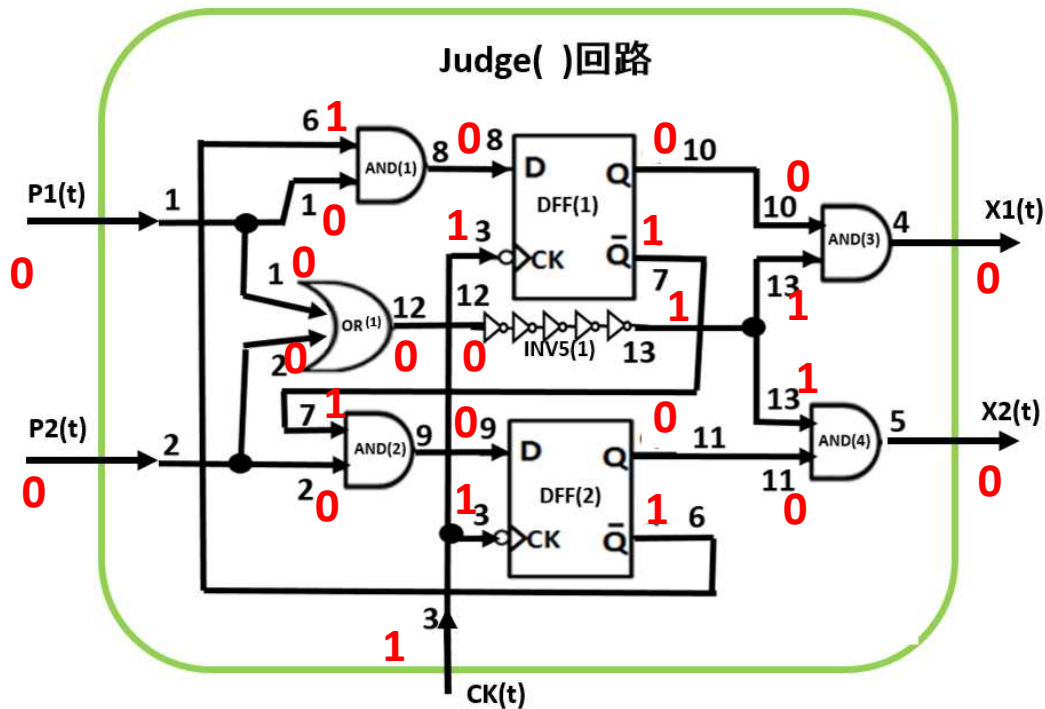


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10001.0

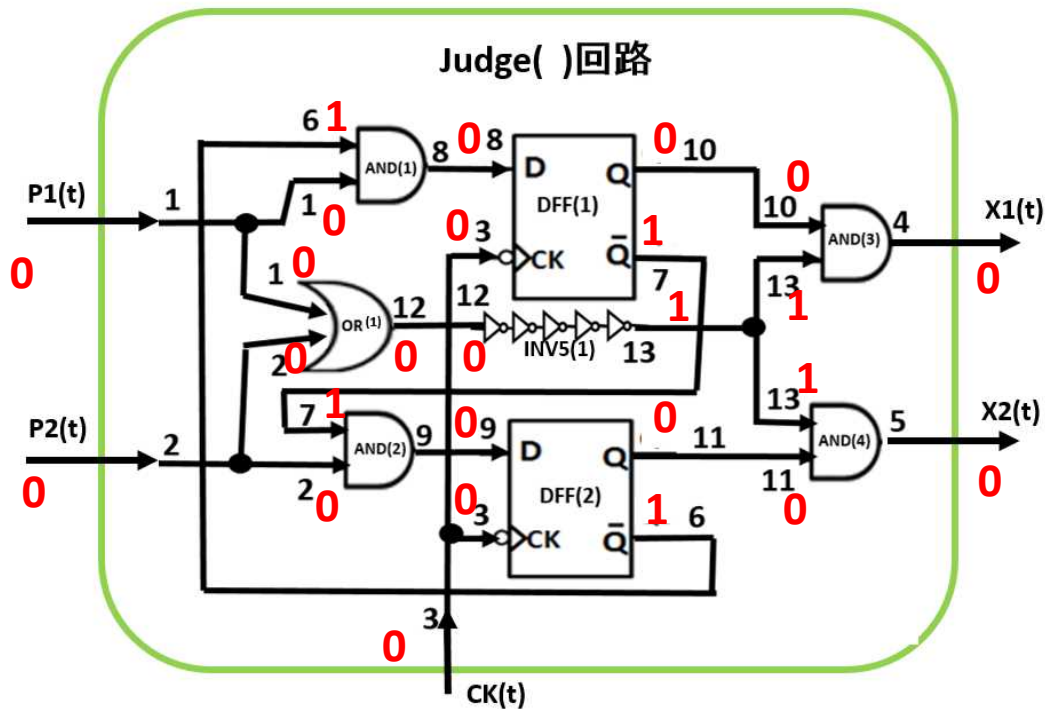


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10001.4

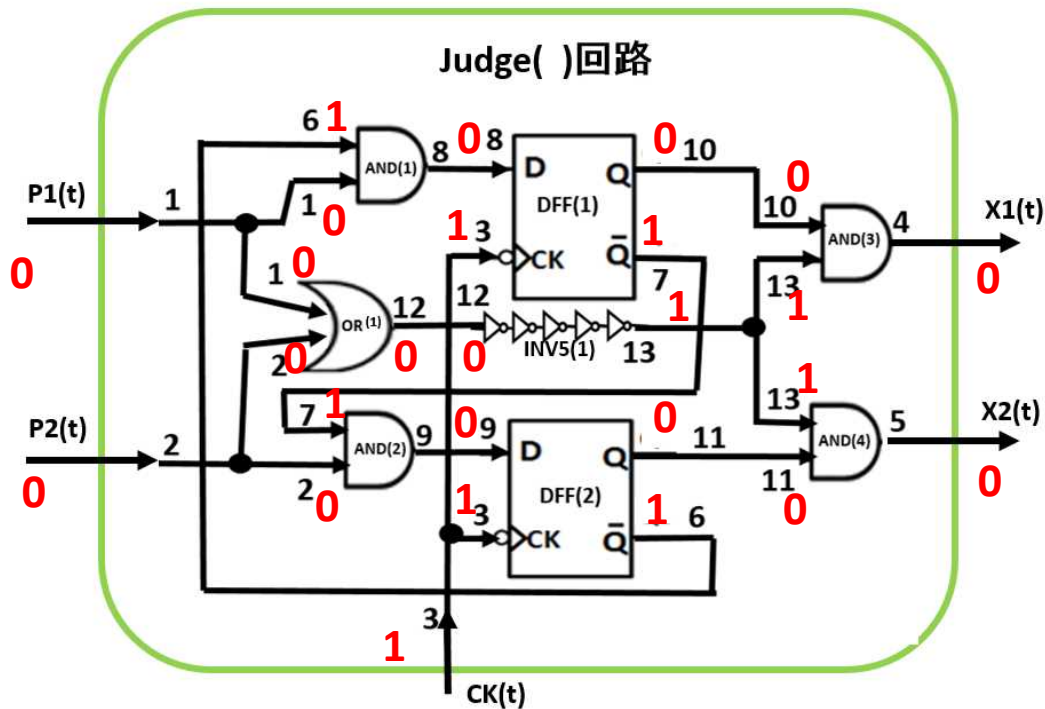


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10003.0

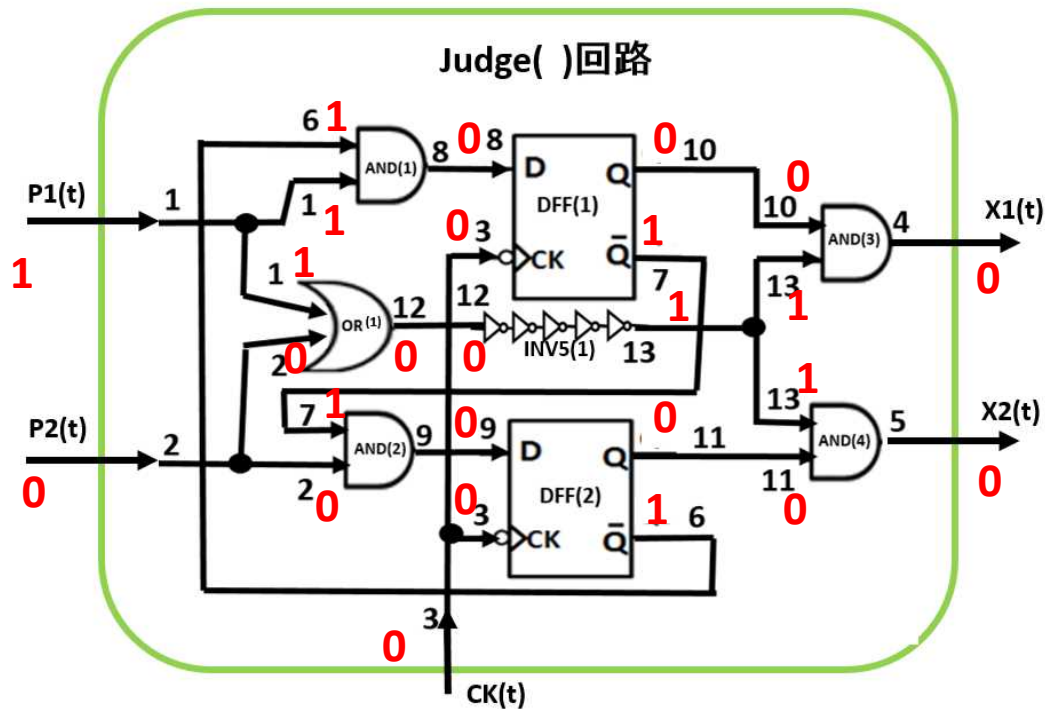


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10010.0

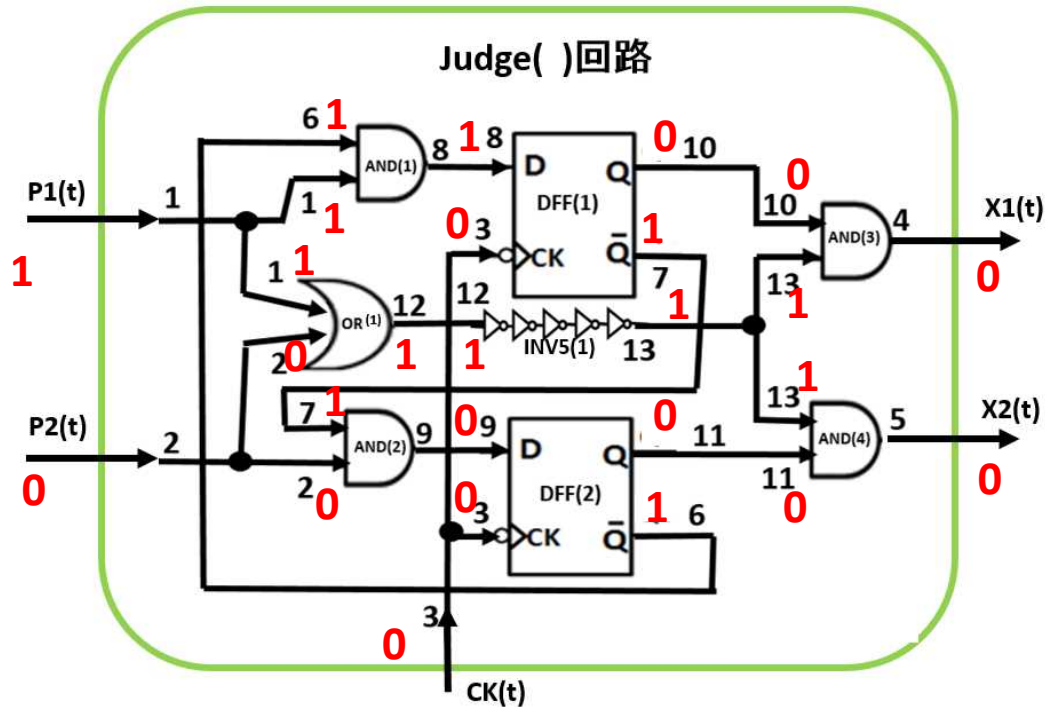


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10010.1

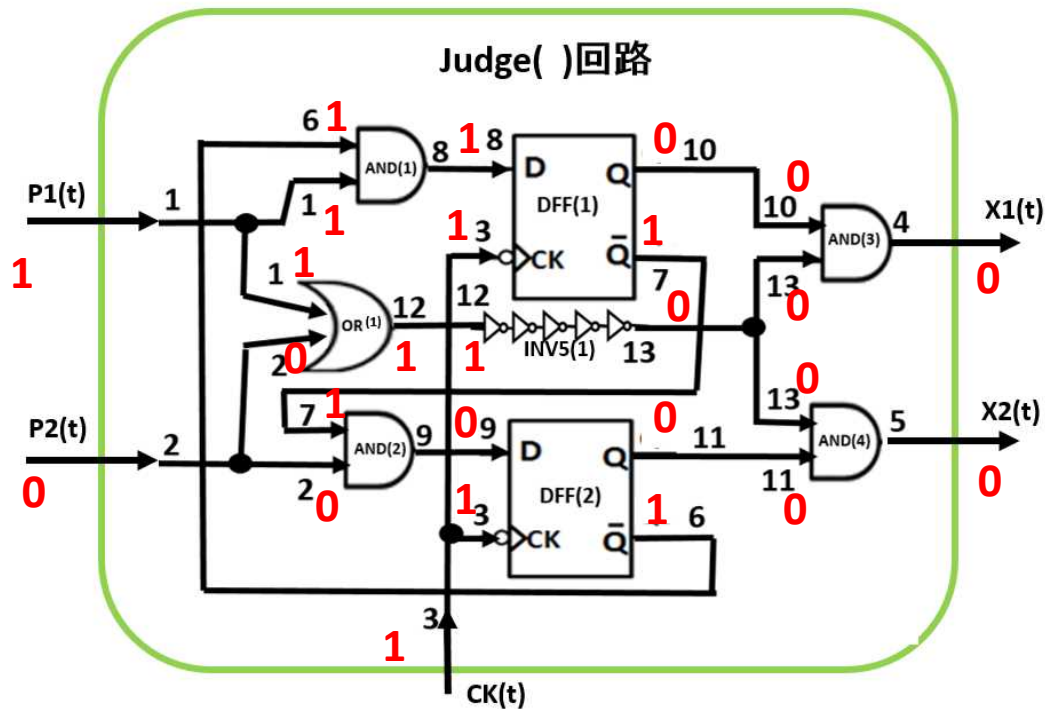


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10011.0

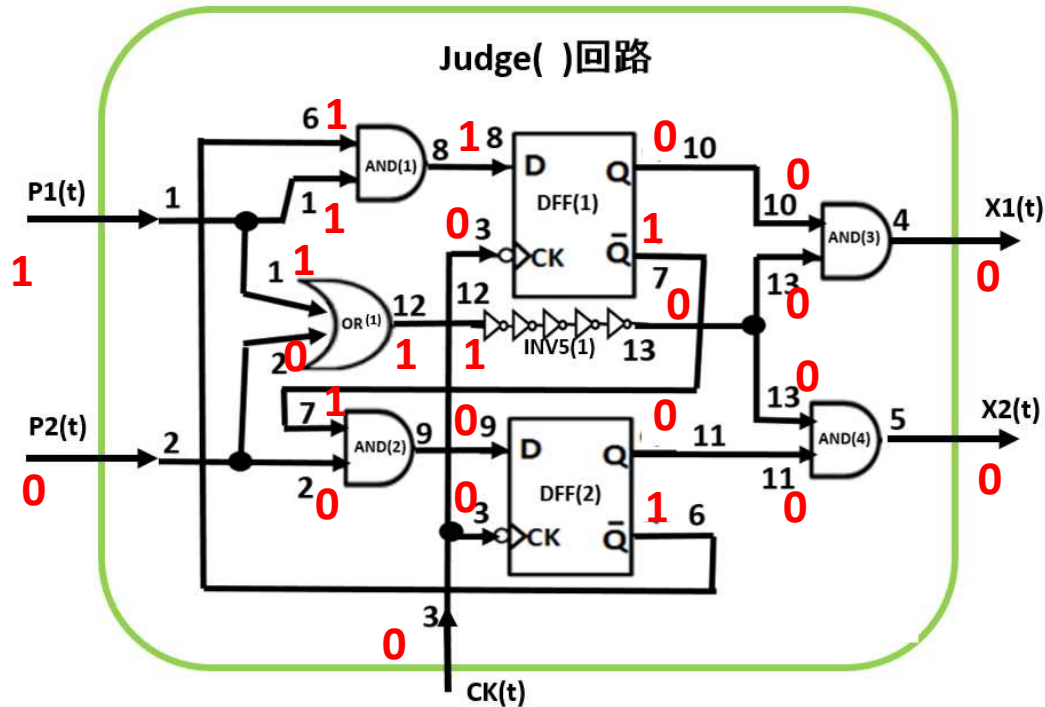


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10010.7	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.9	0	1	0	0	0	0	1	0	1	0	0	0	1
10013.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10013.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10015.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10015.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10017.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10017.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10019.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10019.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10020.0	0	1	1	0	0	0	1	0	1	0	0	0	1
10021.0	1	1	1	0	0	0	1	0	1	0	0	0	1
10021.4	0	1	1	0	0	0	1	0	1	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10011.4

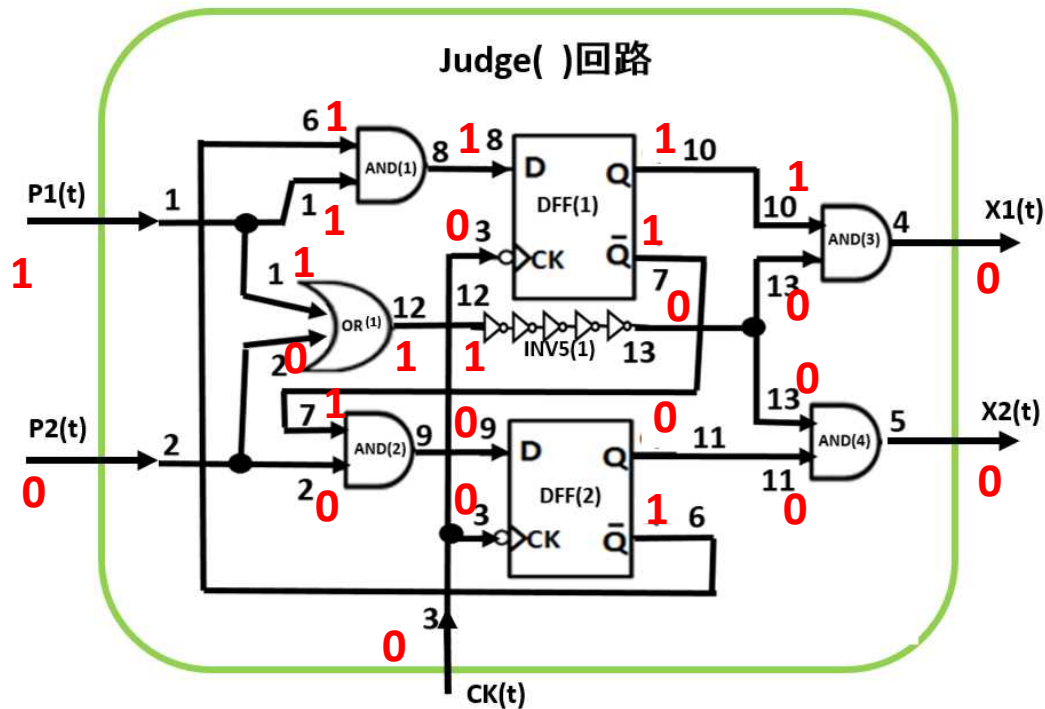


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

$t = 10011.7$

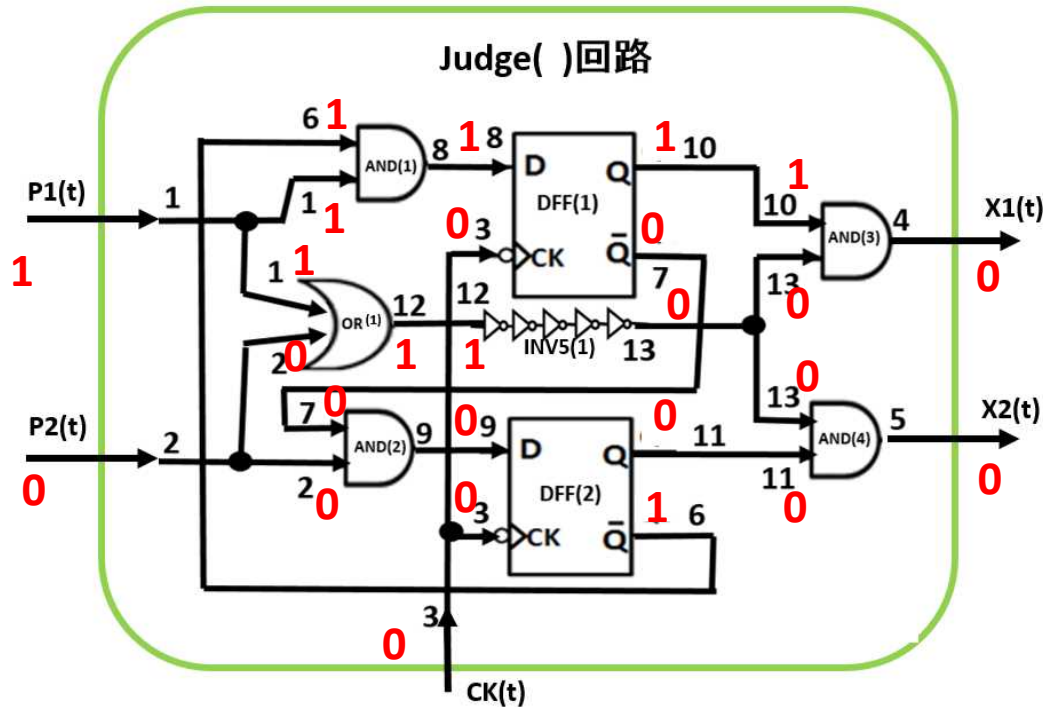


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10011.9

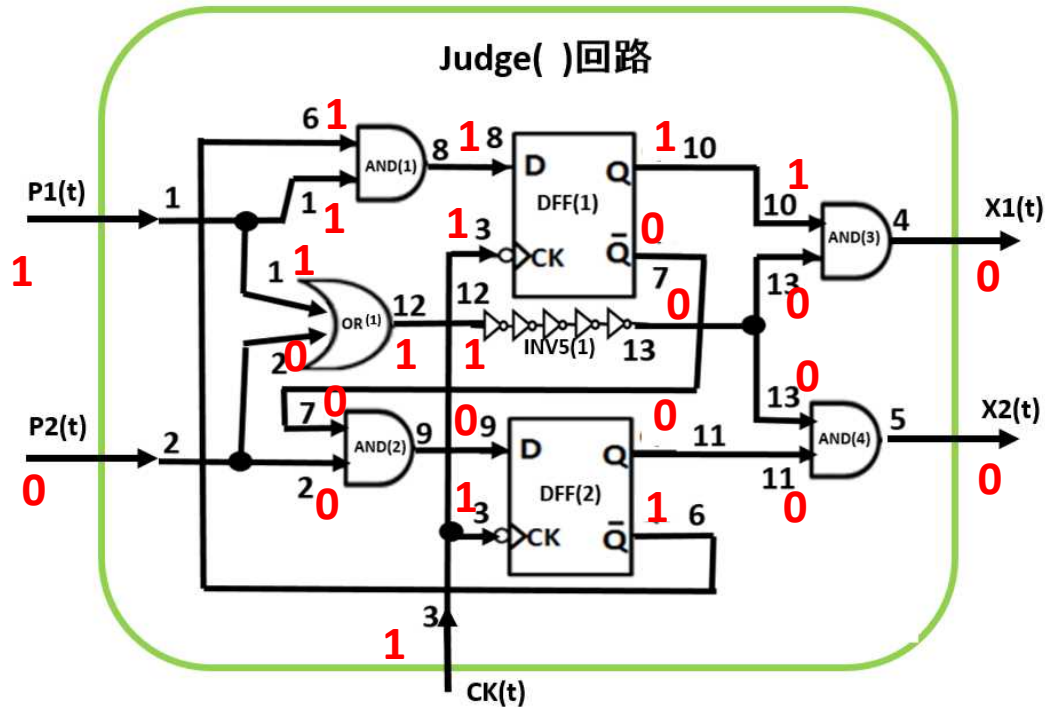


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	1	0	1	0	1	0	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10013.0

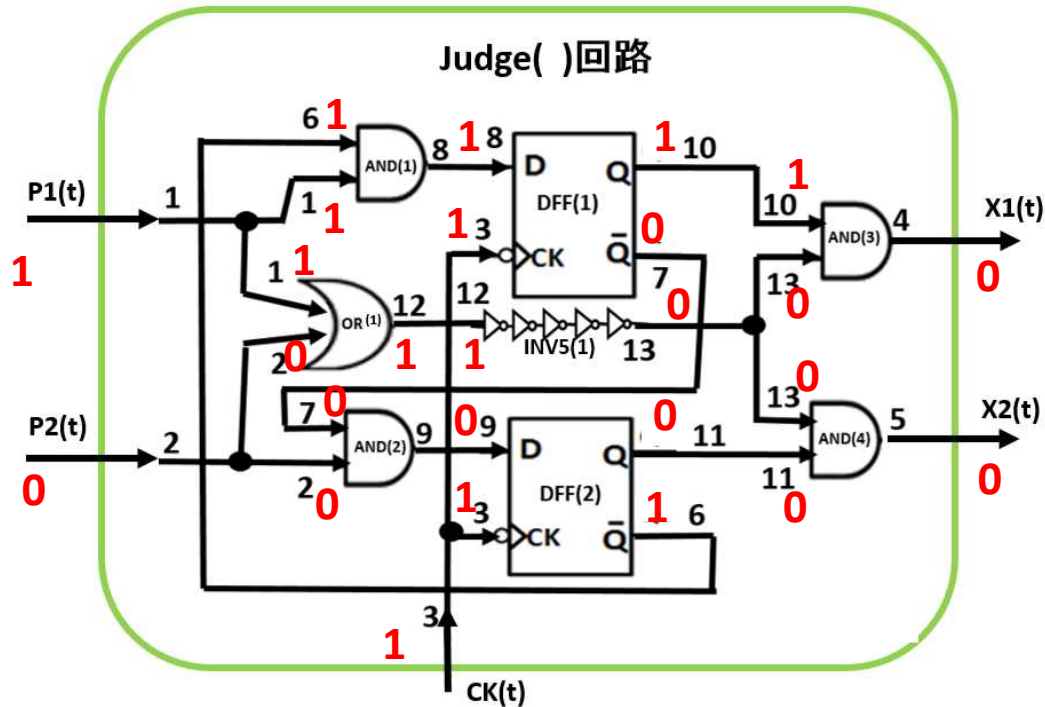


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10019.0

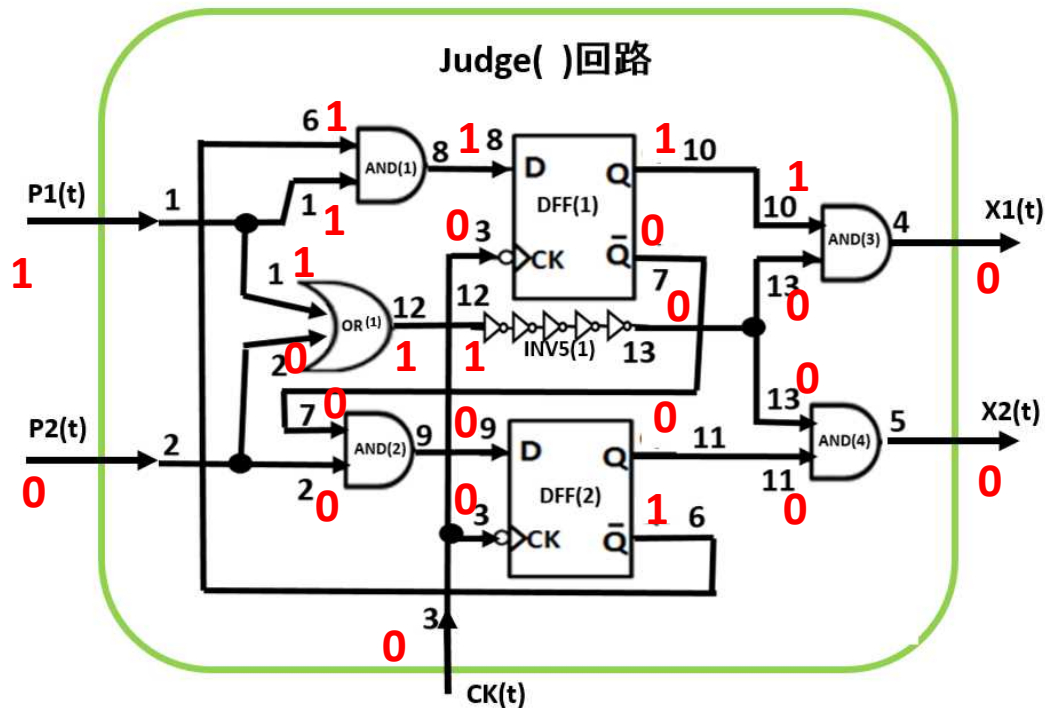


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10003.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10005.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10005.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10007.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10007.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10009.0	1	0	0	0	0	0	1	1	0	0	0	0	1
10009.4	0	0	0	0	0	0	1	1	0	0	0	0	1
10010.0	0	1	0	0	0	0	1	1	0	0	0	0	1
10010.1	0	1	0	0	0	0	1	1	1	0	0	0	1
10010.7	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.0	1	1	0	0	0	0	1	1	1	0	0	0	1
10011.4	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.7	0	1	0	0	0	0	1	1	1	0	0	0	1
10011.9	0	1	0	0	0	0	1	0	1	0	0	0	1
10013.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10013.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10015.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10015.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10017.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10017.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10019.0	1	1	0	0	0	0	1	0	1	0	0	0	1
10019.4	0	1	0	0	0	0	1	0	1	0	0	0	1
10020.0	0	1	1	0	0	0	1	0	1	0	0	0	1
10021.0	1	1	1	0	0	0	1	0	1	0	0	0	1
10021.4	0	1	1	0	0	0	1	0	1	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10019.4

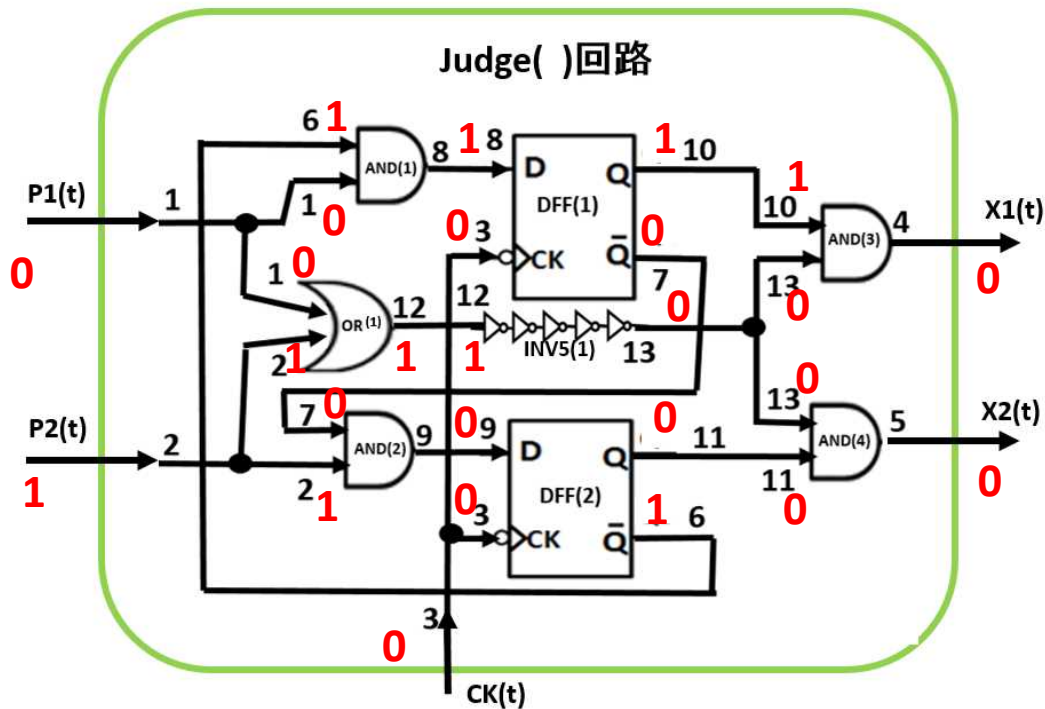


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10000.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10001.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10001.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10003.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10003.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10005.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10005.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10007.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10007.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10009.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10009.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10010.0	0	1	0	0	0	1	1	0	0	0	0	0	1
10010.1	0	1	0	0	0	1	1	1	0	0	0	1	1
10010.7	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.0	1	1	0	0	0	1	1	1	0	0	0	1	0
10011.4	0	1	0	0	0	1	1	1	0	0	0	1	0
10011.7	0	1	0	0	0	1	1	1	0	1	0	1	0
10011.9	0	1	0	0	0	1	0	1	0	1	0	1	0
10013.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10013.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10015.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10015.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10017.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10017.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10019.0	1	1	0	0	0	1	0	1	0	1	0	1	0
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10030.0

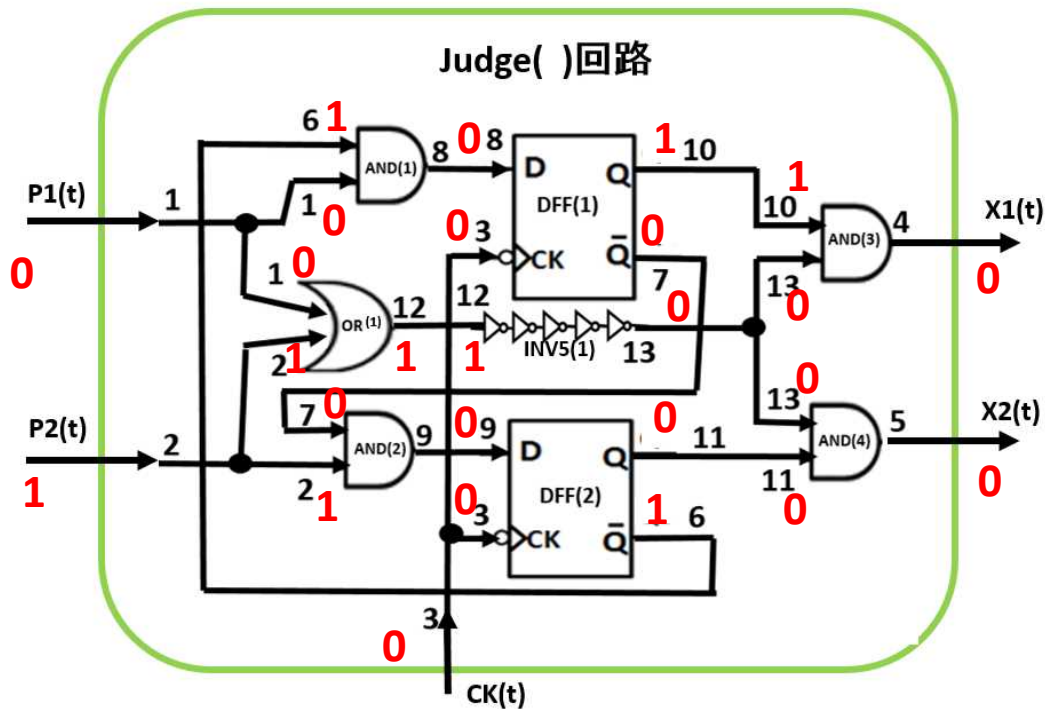


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10031.4

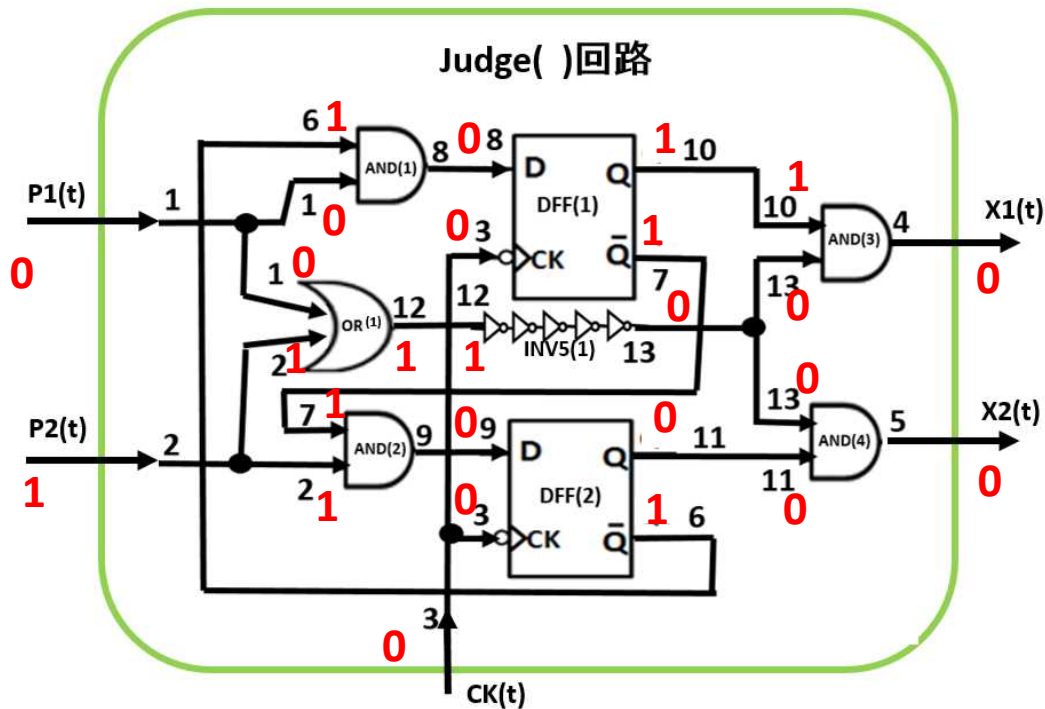


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	1	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10031.7

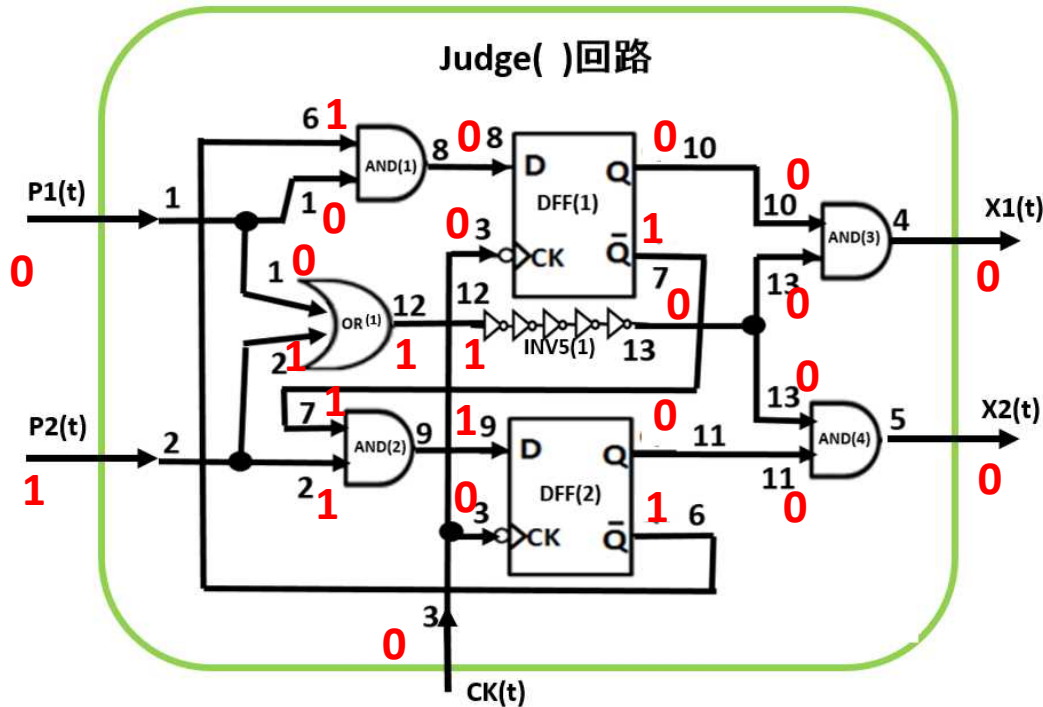


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10031.9

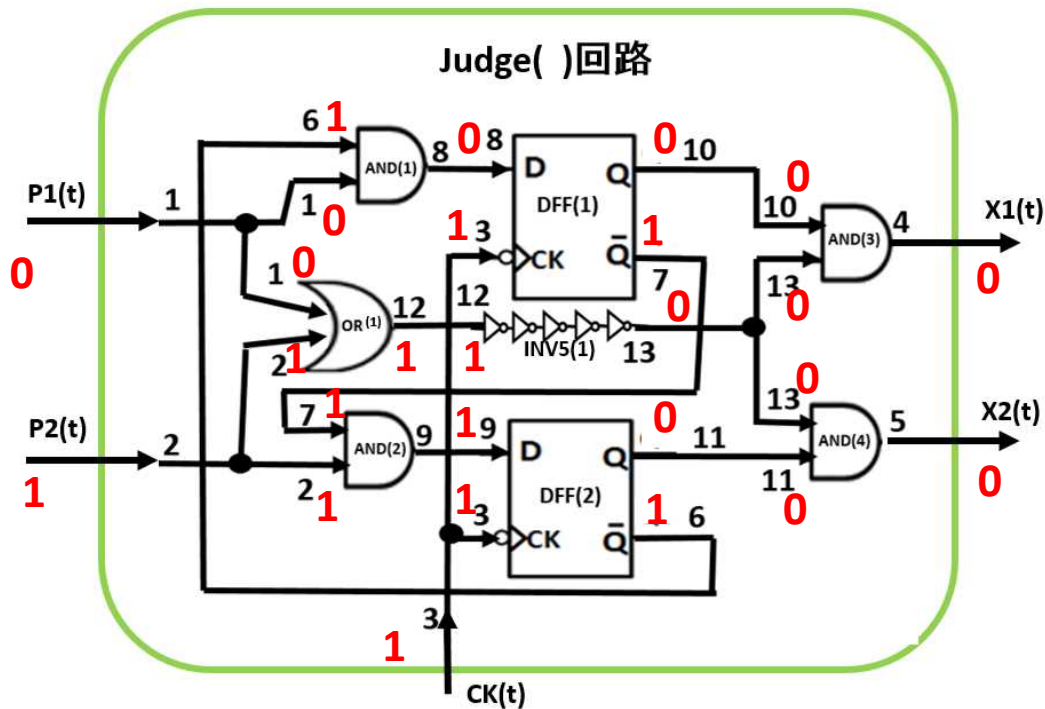


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	0	1	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10033.0

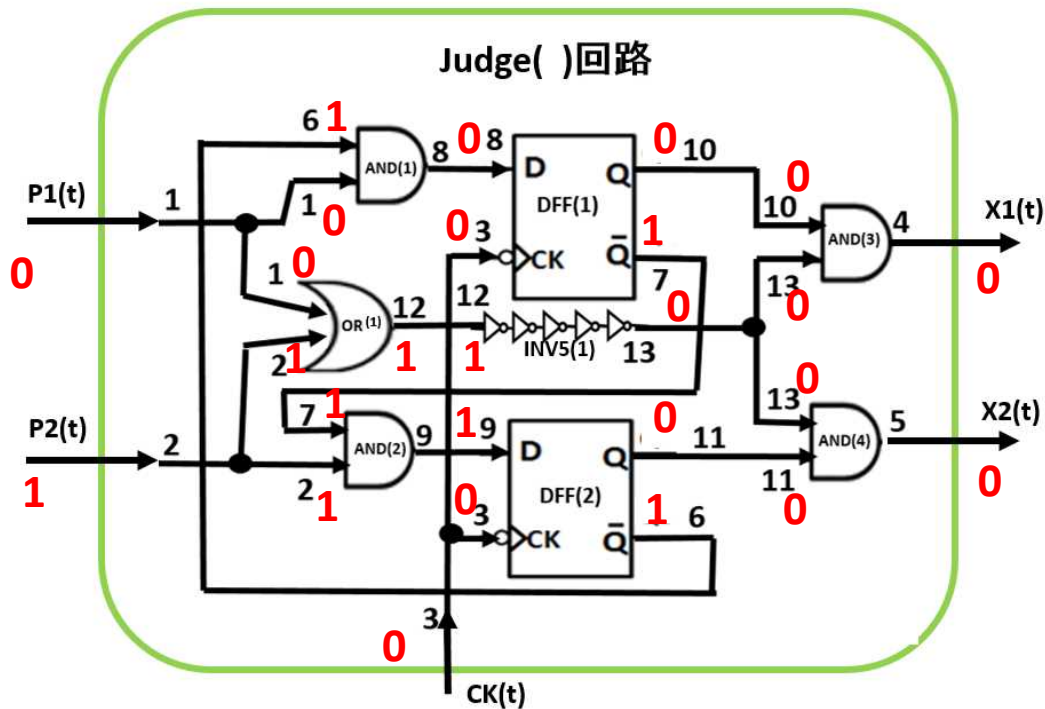


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	0	1	0	1	0	0	1	0	1
10037.4	0	0	0	0	0	1	0	1	0	0	1	0	1
10037.7	0	0	0	0	0	1	1	1	0	0	0	1	0
10037.9	0	0	0	0	0	1	1	1	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10033.4

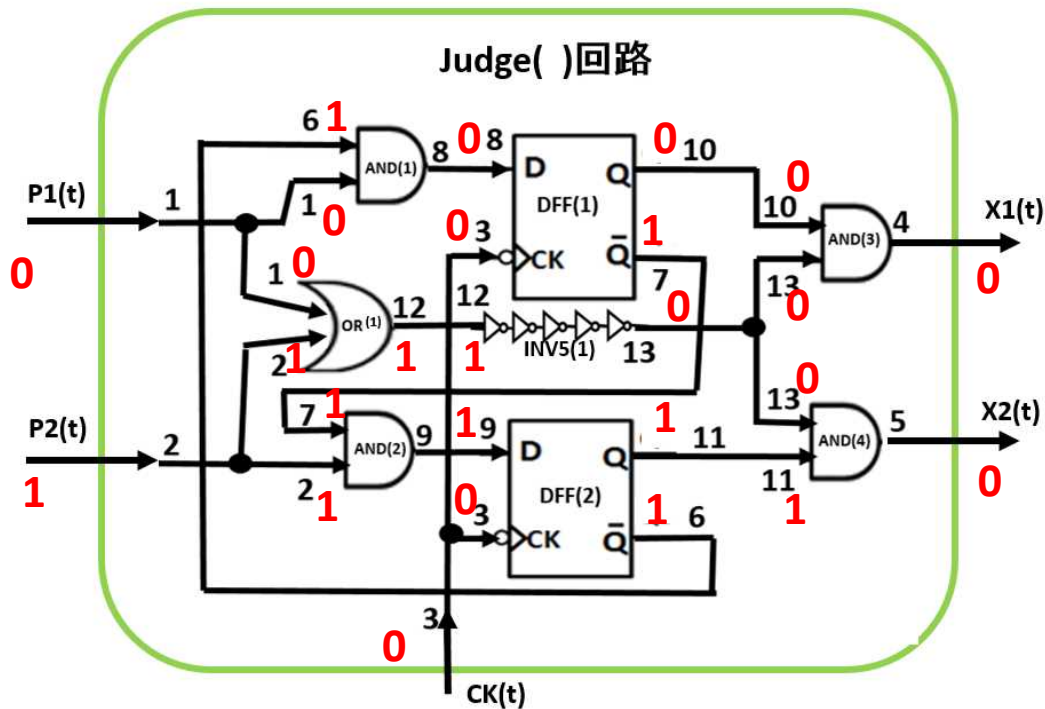


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	0	1	0	1	0	0	0	1	0
10037.4	0	0	0	0	0	1	0	1	0	0	0	1	0
10037.7	0	0	0	0	0	1	1	1	0	0	0	1	0
10037.9	0	0	0	0	0	1	1	1	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	1	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10033.7

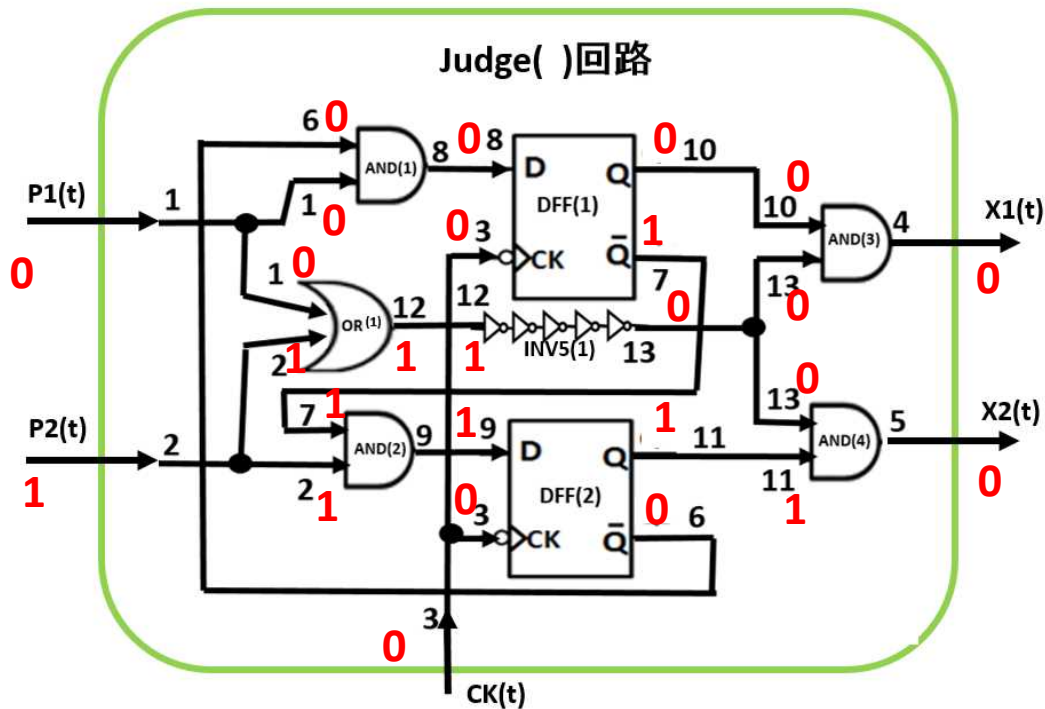


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	0	1	0	1	0	0	0	1	0
10037.4	0	0	0	0	0	1	0	1	0	0	0	1	0
10037.7	0	0	0	0	0	1	1	1	0	0	0	1	0
10037.9	0	0	0	0	0	1	1	1	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10033.9

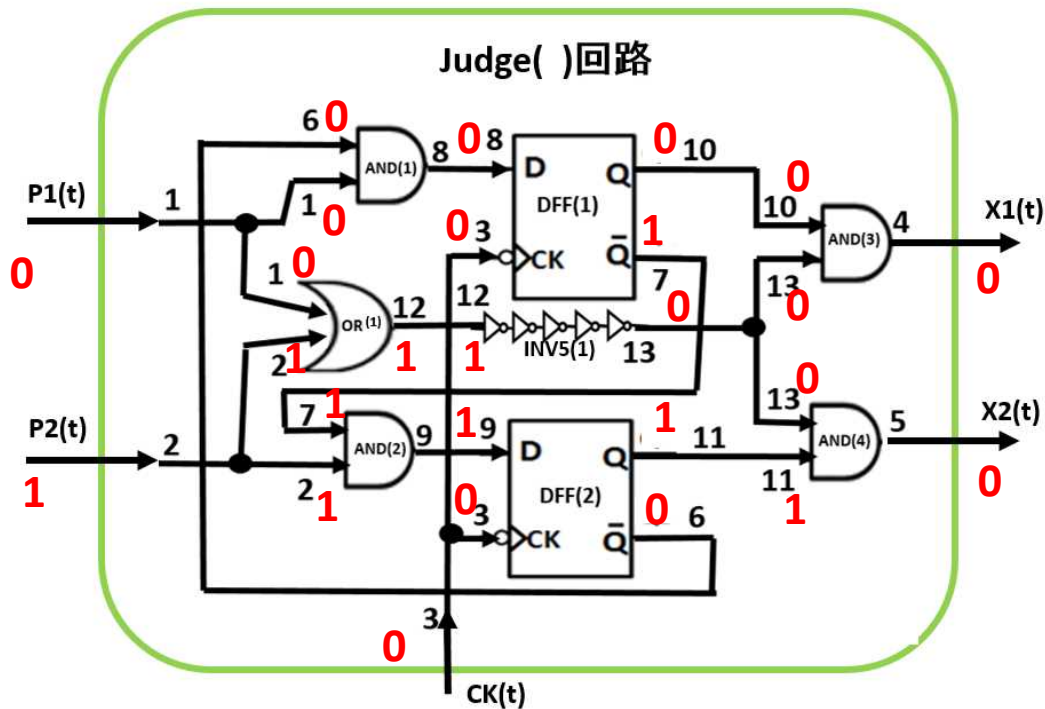


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	0	1	0	1	0	0	0	1	0
10037.4	0	0	0	0	0	1	0	1	0	0	0	1	0
10037.7	0	0	0	0	0	1	1	1	0	0	0	1	0
10037.9	0	0	0	0	0	1	1	1	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10035.4

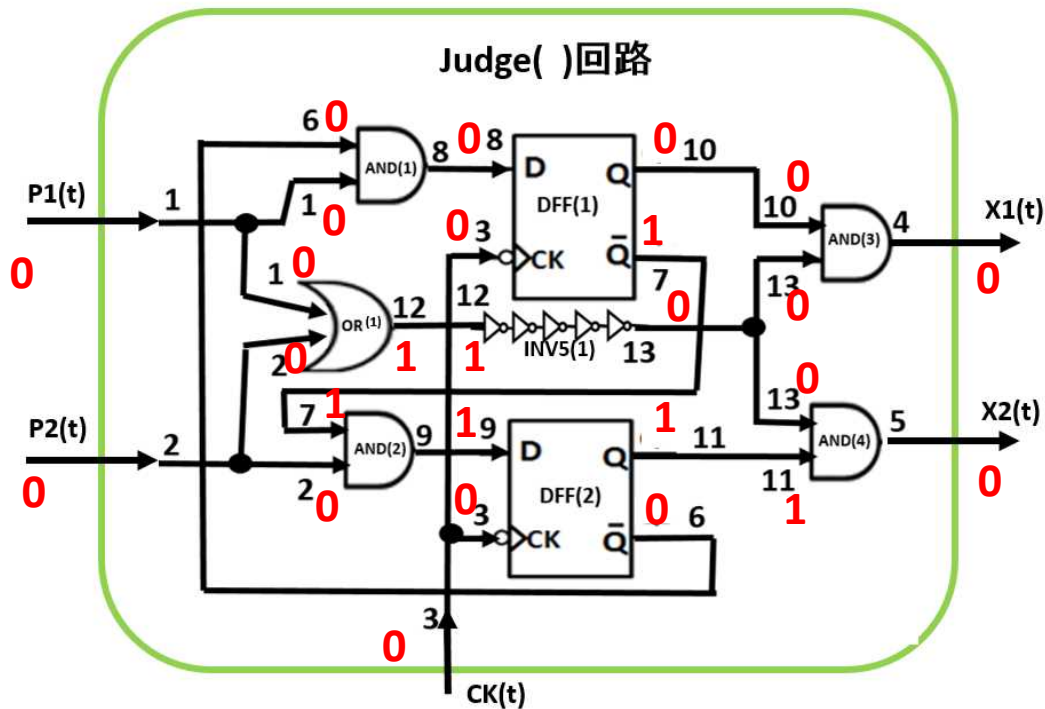


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	0	1	0	1	0	0	0	1	0
10037.4	0	0	0	0	0	1	0	1	0	0	0	1	0
10037.7	0	0	0	0	0	1	1	1	0	0	0	1	0
10037.9	0	0	0	0	0	1	1	1	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10036.0

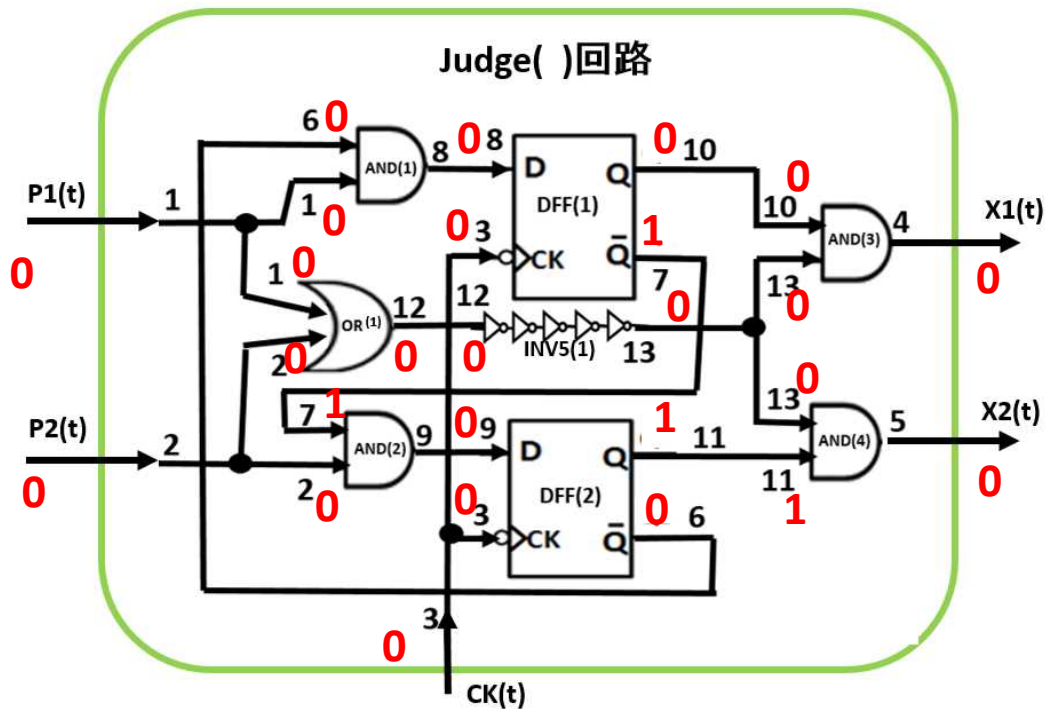


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10036.1

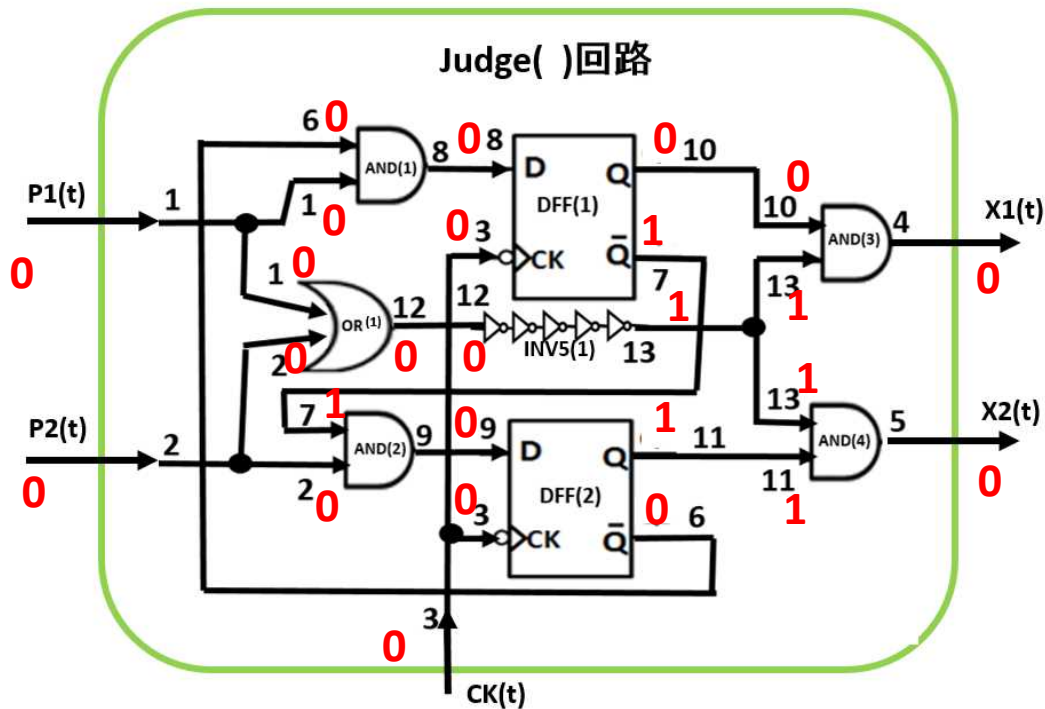


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	1	0	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10036.7

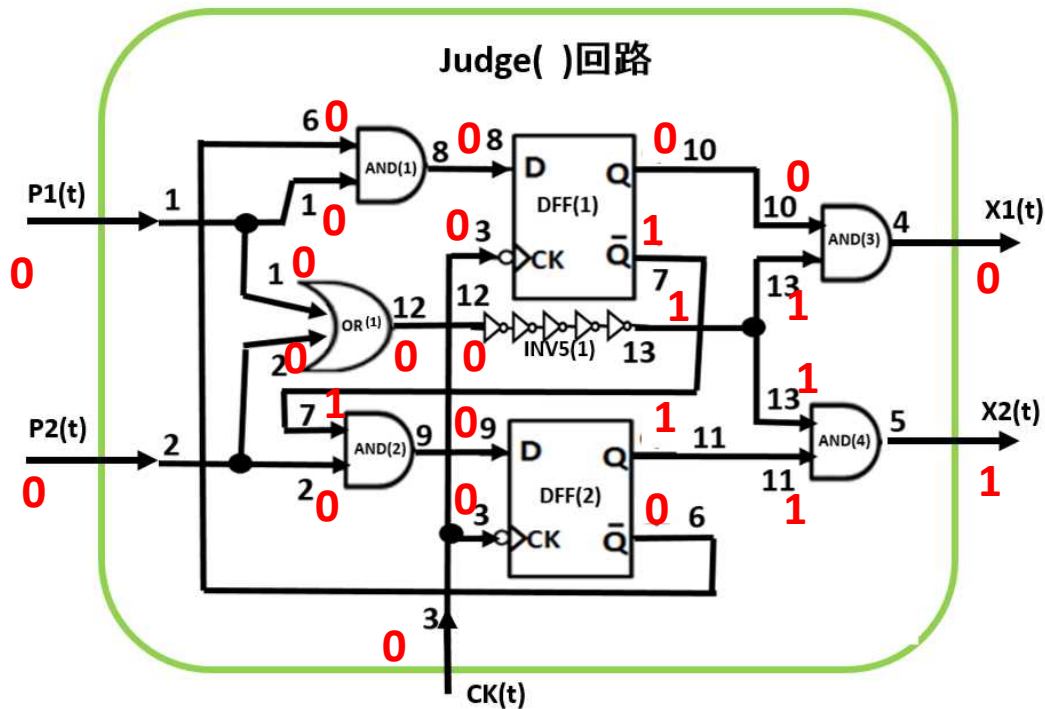


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10036.8

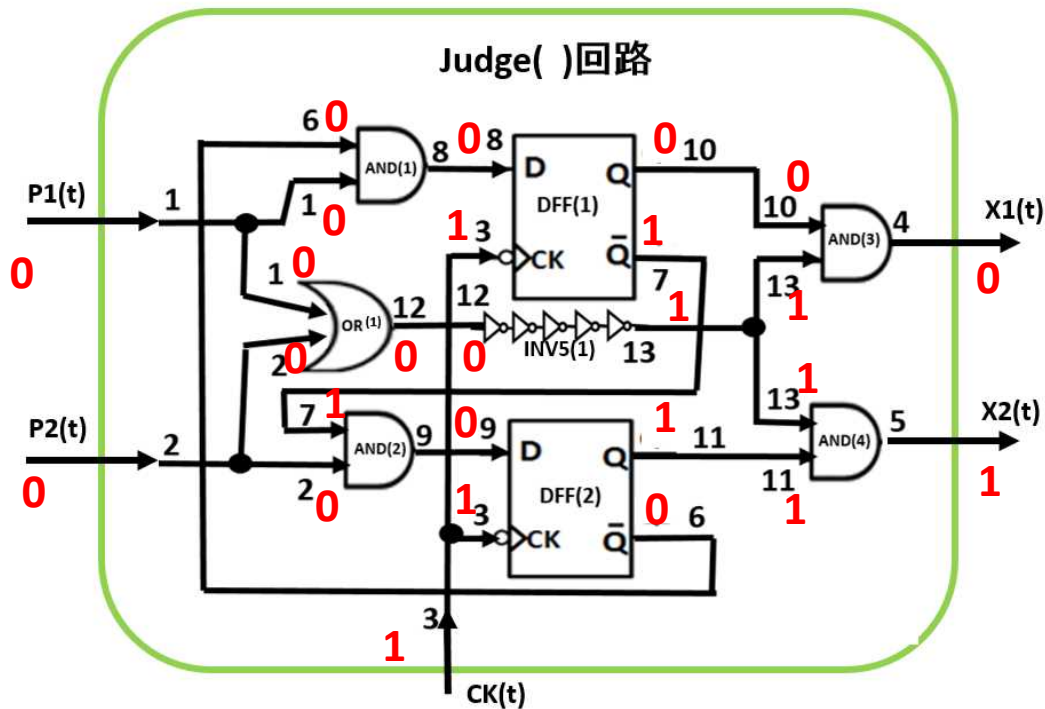


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	0	1	0	1	0	0	0	1	0
10037.4	0	0	0	0	0	1	0	1	0	0	0	1	0
10037.7	0	0	0	0	0	1	1	1	0	0	0	1	0
10037.9	0	0	0	0	0	1	1	1	0	0	0	0	1
10038.0	0	0	0	0	0	0	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	1	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10037.0

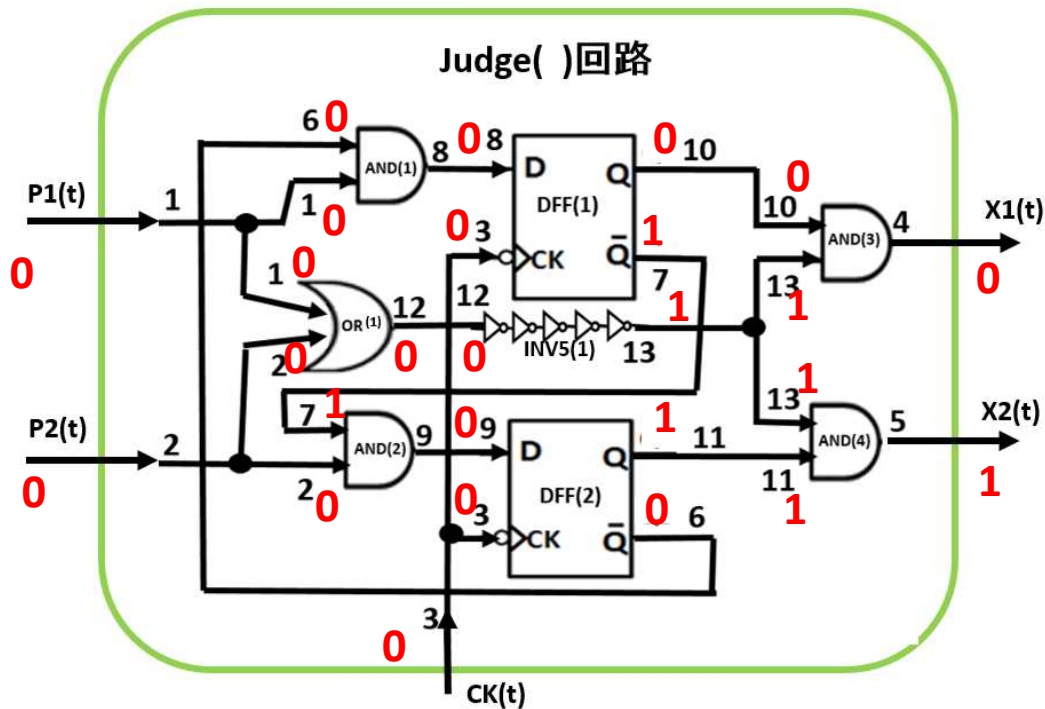


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10037.4

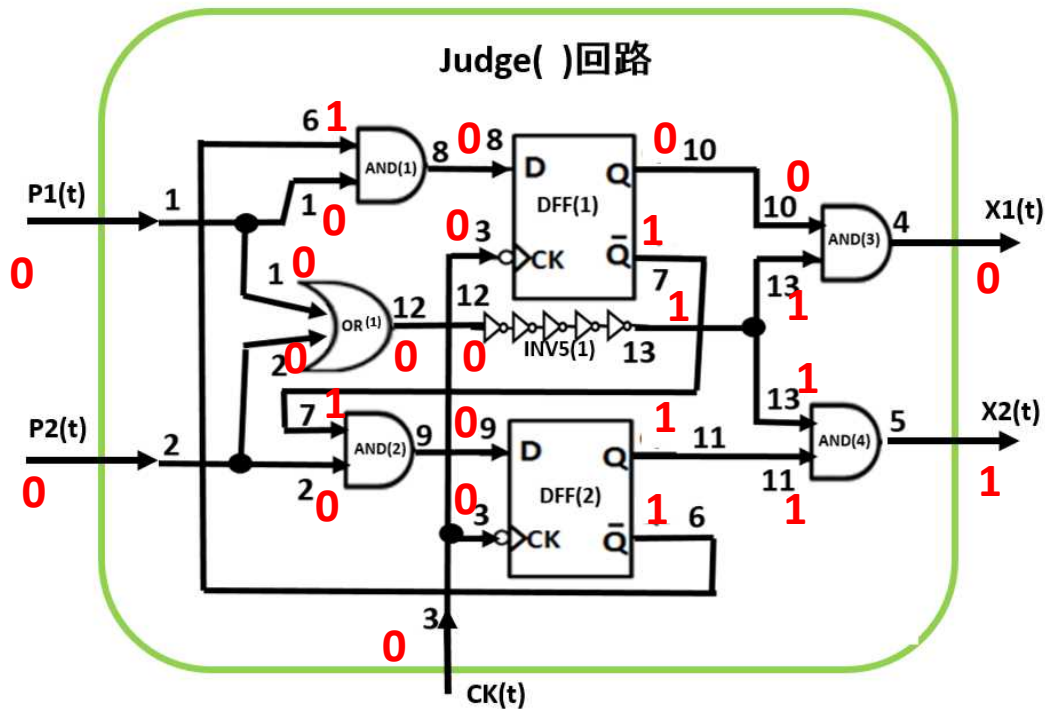


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10037.7

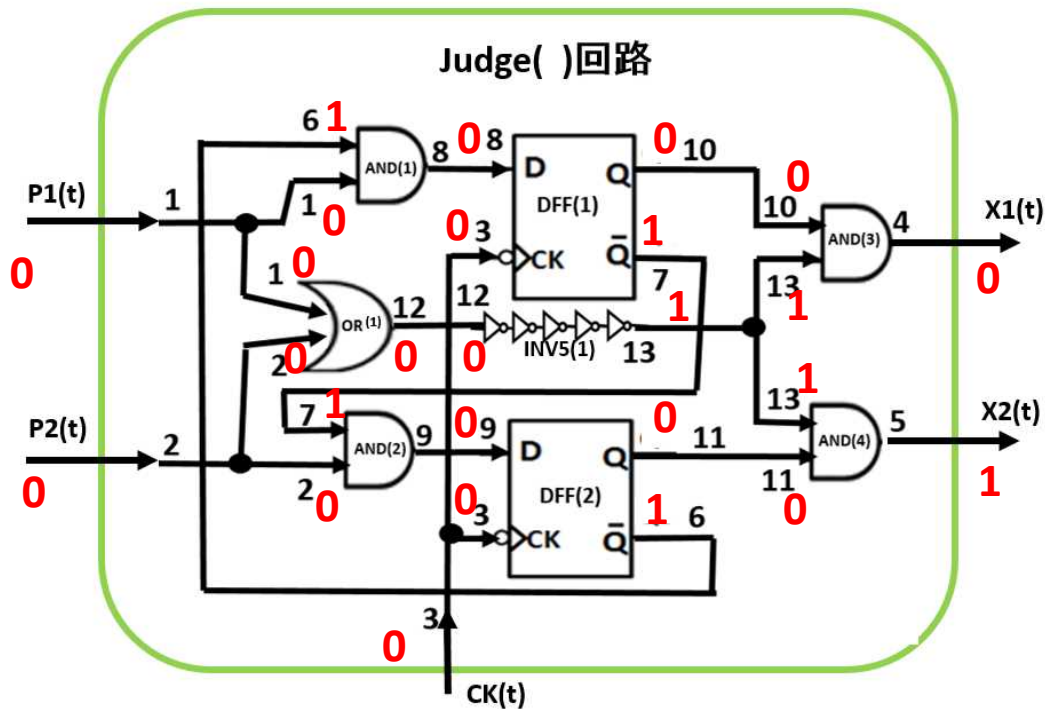


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	1	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10037.9

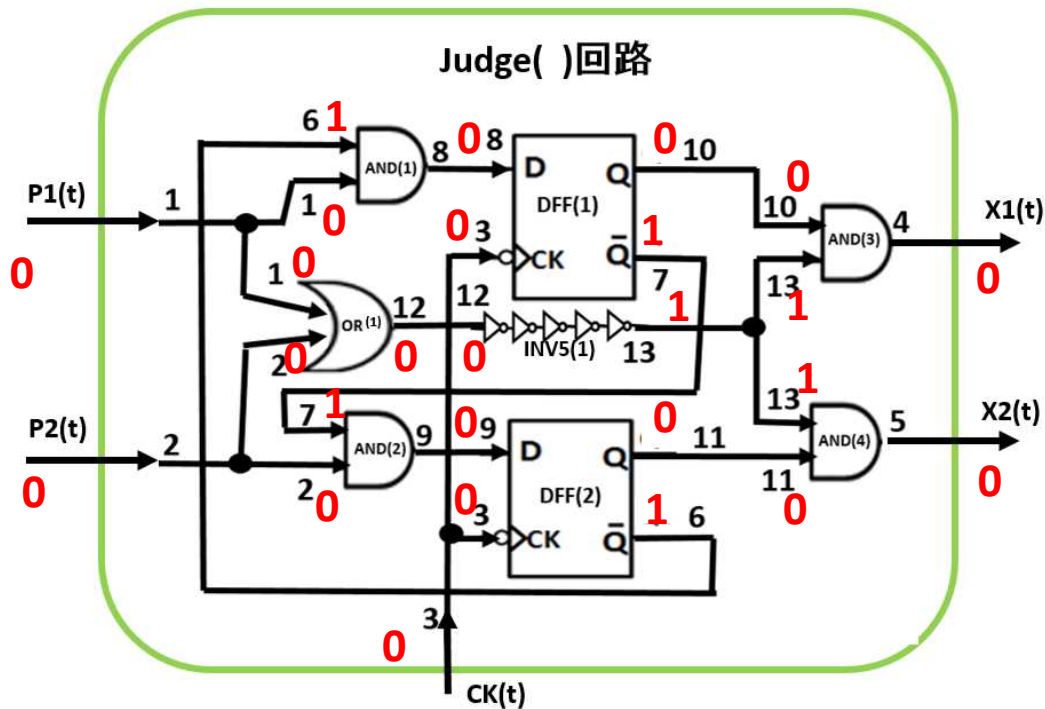


***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	0	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1

When the number of inverters in INV5() = $N_{inv} = 5$

t = 10038.0



***** Clock Pulse Width dt = 0.3 *****

t	CK	P1	P2	X1	X2	N6	N7	N8	N9	N10	N11	N12	N13
10019.4	0	1	0	0	0	1	0	1	0	1	0	1	0
10020.0	0	1	1	0	0	1	0	1	0	1	0	1	0
10021.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10021.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10023.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10023.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10025.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10025.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10027.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10027.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10029.0	1	1	1	0	0	1	0	1	0	1	0	1	0
10029.4	0	1	1	0	0	1	0	1	0	1	0	1	0
10030.0	0	0	1	0	0	1	0	1	0	1	0	1	0
10030.1	0	0	1	0	0	1	0	1	0	1	0	1	0
10031.0	1	0	1	0	0	1	0	0	0	1	0	1	0
10031.4	0	0	1	0	0	1	0	0	0	1	0	1	0
10031.7	0	0	1	0	0	1	1	0	0	1	0	1	0
10031.9	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.0	1	0	1	0	0	1	1	0	1	0	0	1	0
10033.4	0	0	1	0	0	1	1	0	1	0	0	1	0
10033.7	0	0	1	0	0	1	1	0	1	0	1	1	0
10033.9	0	0	1	0	0	0	1	0	1	0	1	1	0
10035.0	1	0	1	0	0	0	1	0	1	0	1	1	0
10035.4	0	0	1	0	0	0	1	0	1	0	1	1	0
10036.0	0	0	0	0	0	0	1	0	1	0	1	1	0
10036.1	0	0	0	0	0	0	1	0	0	0	1	0	0
10036.7	0	0	0	0	0	0	1	0	0	0	1	0	1
10036.8	0	0	0	0	0	0	1	0	0	0	1	0	1
10037.0	1	0	0	0	1	0	1	0	0	0	1	0	1
10037.4	0	0	0	0	1	0	1	0	0	0	1	0	1
10037.7	0	0	0	0	1	1	1	0	0	0	1	0	1
10037.9	0	0	0	0	1	1	1	0	0	0	0	0	1
10038.0	0	0	0	0	0	1	1	1	0	0	0	0	1
10039.0	1	0	0	0	0	1	1	0	0	0	0	0	1
10039.4	0	0	0	0	0	1	1	0	0	0	0	0	1
10040.0	0	0	1	0	0	1	1	0	0	0	0	0	1