

sky130_fd_sc_rh_TT_1P8_25C.ccs Library

Cell Groups
INVX1

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*sky130_fd_sc_rh_TT_1P8_25C.ccs Cell Library: Process , Voltage
1.80, Temp 25.00*

Truth Table

INPUT	OUTPUT
A	Y
0	1
1	0

Footprint

Cell Name	Area
INVX1	0.00000

Pin Capacitance Information

Cell Name	Pin Cap(pf)	Max Cap(pf)
	A	Y
INVX1	0.00920	5.16875

Leakage Information

Cell Name	Leakage(nW)		
	Min.	Avg	Max.
INVX1	0.00000	0.50645	1.00985

Delay Information

Delay(ns) to Y rising :

Cell Name	Timing Arc(Dir)	Delay(ns)		
		First	Mid	Last
INVX1	A->Y (FR)	0.02133	0.74499	10.65710

Delay(ns) to Y falling :

Cell Name	Timing Arc(Dir)	Delay(ns)		
		First	Mid	Last
INVX1	A->Y (RF)	0.01267	0.45709	6.68250

Power Information

Internal switching power(pJ) to Y rising :

Cell Name	Input	Power(pJ)		
		first	mid	last
INVX1	A	0.01112	0.01290	0.04321
	A	-0.00380	-0.00203	0.02792

Internal switching power(pJ) to Y falling :

Cell Name	Input	Power(pJ)		
		first	mid	last
INVX1	A	-0.00310	-0.00241	0.00940
	A	0.01173	0.01242	0.02556