series : PAD

macro name	XCTBB04	size [um]	0.000 x 0.000

Truth Table

A	CN	IO	IO	Y
0	0	X	0	0
1	0	X	1	1
X	1	0	hiZ	0
X	1	1	hiZ	1

Port Characteristic

port name	Cin [pF]	Cmax [pF]	delta-t (rise) [nsec/pF]			delta-t (fall) [nsec/pF]		
			min	typ	max	min	typ	max
A	0.180							
CN	0.170							
IO	7.683	6.800	0.112	0.113	0.113	0.087	0.087	0.087
Y		5.936	0.265	0.265	0.265	0.200	0.200	0.200

AC Characteristic

delay time from pin to pin			tpdr0 [nsec]			tpdf0 [nsec]		
			min	typ	max	min	typ	max
A	=>	IO	2.03	2.03	2.03	1.68	1.68	1.68
CN	=>	IO		tpLZ				
CN	=>	IO		tpZH		2.12	2.12	2.12
CN	=>	IO		tpHZ				
CN	=>	IO		tpZL		1.65	1.65	1.65
IO	=>	Y	0.35	0.35	0.35	0.39	0.39	0.39

series : PAD

macro name	XCTIB00	**size [um]**	0.000 x 0.000

Truth Table

A	Y
0	0
1	1

Port Characteristic

port name	Cin [pF]	Cmax [pF]	delta-t (rise) [nsec/pF]			delta-t (fall) [nsec/pF]		
			min	typ	max	min	typ	max
A	4.525							
Y		5.938	0.265	0.265	0.265	0.200	0.200	0.200

AC Characteristic

delay time from pin to pin			tpdr0 [nsec]			tpdf0 [nsec]		
			min	typ	max	min	typ	max
A	=>	Y	0.35	0.35	0.35	0.39	0.39	0.39

series : PAD

macro name	XCTOB04	size [um]	0.000 x 0.000

Truth Table

A	Y
0	0
1	1

Port Characteristic

port name	Cin [pF]	Cmax [pF]	delta-t (rise) [nsec/pF]			delta-t (fall) [nsec/pF]		
			min	typ	max	min	typ	max
A	0.180							
Y		6.971	0.113	0.113	0.113	0.087	0.087	0.087

AC Characteristic

delay time from pin to pin	tpdr0 [nsec]			tpdf0 [nsec]		
	min	typ	max	min	typ	max
A => Y	2.02	2.02	2.02	1.67	1.67	1.67

series : PAD

macro name	XCTTB04	size [um]	0.000 x 0.000

Truth Table

A	CN	Y
0	0	0
1	0	1
X	1	hiZ

Port Characteristic

port name	Cin [pF]	Cmax [pF]	delta-t (rise) [nsec/pF]			delta-t (fall) [nsec/pF]		
			min	typ	max	min	typ	max
A	0.180							
CN	0.170							
Y	7.429	7.045	0.112	0.113	0.113	0.087	0.087	0.087

AC Characteristic

delay time from pin to pin			tpdr0 [nsec]			tpdf0 [nsec]		
			min	typ	max	min	typ	max
A	=>	Y	2.01	2.01	2.01	1.66	1.66	1.66
CN	=>	Y		tpLZ				
CN	=>	Y		tpZH		2.09	2.09	2.09
CN	=>	Y		tpHZ				
CN	=>	Y		tpZL		1.63	1.63	1.63