

# OR2X1(data type: typ)

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## Function

$Y=(A|B)$

## Static Power:

When	Static Power [nW]
-	0.106

## Port:

Name	Direction
A	INPUT
B	INPUT
Y	OUTPUT

Name	Pin Capacitance [pF]	
	Rise	Fall
A	0.0277	0.0276
B	0.0268	0.027

## Output Driving Strength

Name	Rise		Fall	
	Strength (sec/F)	Limit (pF)	Strength (sec/F)	Limit (pF)
Y	1.8e+03	0.413	2.21e+03	0.413

## Link To Path

PATH	WHEN
<a href="#">(01B=&gt;01Y)</a>	-
<a href="#">(10B=&gt;10Y)</a>	-
<a href="#">(01A=&gt;01Y)</a>	-
<a href="#">(10A=&gt;10Y)</a>	-

(01B=>01Y)

DELAY [ns]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.218	0.265	0.355	0.716	1.26
0.18	0.247	0.294	0.384	0.744	1.28
0.42	0.313	0.359	0.45	0.809	1.35
0.6	0.357	0.404	0.493	0.852	1.39
1.2	0.488	0.537	0.626	0.984	1.52

POWER [pJ]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.0382	0.0301	0.0314	0.0355	0.0356
0.18	0.0877	0.0829	0.0806	0.0815	0.082
0.42	0.338	0.322	0.318	0.31	0.309
0.6	0.554	0.536	0.521	0.507	0.504
1.2	1.31	1.28	1.25	1.21	1.2

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(10B=>10Y)

DELAY [ns]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.179	0.237	0.35	0.792	1.46
0.18	0.184	0.247	0.358	0.803	1.47
0.42	0.195	0.256	0.369	0.813	1.48
0.6	0.195	0.259	0.373	0.816	1.48
1.2	0.179	0.246	0.367	0.819	1.48

POWER [pJ]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	1.24	1.25	1.26	1.26	1.25
0.18	1.28	1.29	1.3	1.3	1.31
0.42	1.54	1.54	1.54	1.54	1.54
0.6	1.76	1.76	1.75	1.75	1.75
1.2	2.55	2.52	2.5	2.48	2.47

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(01A=>01Y)

DELAY [ns]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.168	0.215	0.306	0.665	1.21
0.18	0.195	0.242	0.332	0.692	1.23
0.42	0.244	0.289	0.38	0.739	1.28
0.6	0.27	0.318	0.408	0.769	1.31
1.2	0.35	0.401	0.495	0.857	1.4

POWER [pJ]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.0131	0.0263	0.0312	0.0345	0.0272
0.18	0.0709	0.0746	0.0892	0.0913	0.0919
0.42	0.323	0.316	0.307	0.309	0.31
0.6	0.514	0.503	0.496	0.494	0.493
1.2	1.21	1.19	1.16	1.14	1.14

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(10A=>10Y)

DELAY [ns]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.167	0.226	0.338	0.781	1.44
0.18	0.183	0.242	0.359	0.801	1.46
0.42	0.207	0.268	0.386	0.829	1.49
0.6	0.221	0.282	0.397	0.843	1.5
1.2	0.244	0.307	0.426	0.878	1.54

POWER [pJ]

cl[pF]	0.025	0.05	0.1	0.3	0.6
ts[ns]					
0.06	0.855	0.864	0.87	0.87	0.872
0.18	0.94	0.942	0.954	0.957	0.958
0.42	1.19	1.2	1.2	1.2	1.2
0.6	1.39	1.39	1.39	1.39	1.39
1.2	2.1	2.08	2.06	2.05	2.04